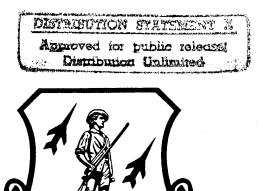
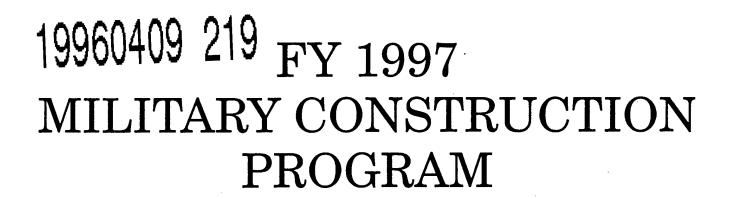
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# FY 1997 BUDGET ESTIMATES AIR NATIONAL GUARD







Justification Data Submitted to Congress

March 1996

#### DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

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DD Form 1390s and 1391s

## SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM – FY 1997

STATE/	INSTALLATION AND	AUTH/APPROP	DD FORM 1391
COUNTRY	PROJECT	AMOUNT (000)	PAGE NO.
Florida	Jacksonville International Airport (ANG)		
Florida	Upgrade Heating Plants and Chillers	680	b - 3
	Sub-Total Florida	680	
Georgia	Robins Air Force Base		
- · · · <b>8</b> · ·	B-1 Aircraft Parking Apron and Relocate Taxiway	8,800	b - 8
	B-1 Composite Aircraft Maintenance Complex	12,400	<b>b</b> - 11
	B-1 AGE and Munitions Trailer Maintenance Complex	2,800	b - 14
	B-1 Site Improvements, Roads, and Utilities	5,500	b - 17
	Sub-Total Georgia	29,500	
Hawaii	Hickam Air Force Base		
	Alter Avionics Shop	1,000	b - 22
	Sub-Total Hawaii	1,000	
Idaho	Boise Air Terminal (Gowen Field)		
	Fuel Systems Maintenance and Corrosion		
	Control Facility	4,500	<b>b - 2</b> 6
	Sub-Total Idaho	4,500	
Illinois	Greater Peoria Regional Airport (ANG)		
,	Fuel Systems Maintenance and Corrosion		
	Control Facility	4,200	b - 31
	Sub-Total Illinois	4,200	
Indiana	Fort Wayne International Airport		
ingiana	Upgrade Drainage System	480	<b>b -</b> 36
	Sub-Total Indiana	480	
Massachusetts	Barnes Municipal Airport (ANG)		
Massachusetts	Upgrade Heating Distribution System	500	<b>b-4</b> 0
	Sub-Total Massachusetts	500	
Maryland	Andrews Air Force Base	#00	1. 44
	Munitions Trailer Maintenance Facility	500	b - 44

STATE/ COUNTRY	INSTALLATION AND PROJECT	AUTH/APPROP AMOUNT (000)	DD FORM 1391 PAGE NO.
	Sub-Total Maryland	500	
Michigan	Selfridge Air National Guard Base Upgrade Heating Systems	3,000	<b>b - 4</b> 9
	Sub-Total Michigan	3,000	
New Jersey	Atlantic City International Airport  Add to and Alter Medical Training Facility	380	<b>b</b> - 97
	Sub-Total New Jersey	380	
New Mexico	Kirtland Air Force Base Munitions Maintenance and Storage Complex	3,000	b - 56
	Sub-Total New Mexico	3,000	
Nevada	Reno Cannon International Airport Fuel Systems Maintenance and Corrosion Control Hangar	4,600	b - 61
	Sub-Total Nevada	4,600	0-01
New York	Francis S Gabreski Airport Aircraft Washing and Deicing Facility	659	b - 66
	Stewart International Airport C-5 Flight Simulator Facility	3,000	b - 71
	Sub-Total New York	3,659	
Oklahoma	Will Rogers World Airport Add to and Alter Security Police Facility	570	b - 76
	Sub-Total Oklahoma	570	
Texas	Fort Worth Joint Reserve Base Fuel Cell and Corrosion Control Facility	3,450	<b>b - 8</b> 0
	Sub-Total Texas	3,450	
Utah	Salt Lake City International Airport (ANG) Electronics Security Squadron Complex	2,250	b - 85
	Sub-Total Utah	2,250	
Wisconsin	Volk Field Air National Guard Base Upgrade Sanitary Sewer System	850	b - 90

STATE/	INSTALLATION AND	AUTH/APPROP	<b>DD FORM 1391</b>
COUNTRY	PROJECT	AMOUNT (000)	PAGE NO.
,	Sub-Total Wisconsin	850	
	SUB-TOTAL INSIDE THE UNITED STATES	63,119	
	OUTSIDE THE UNITED STATES		
Puerto Rico	Puerto Rico International Airport		
	Refueling Vehicle Shop and Paint Bay	450	<b>b -</b> 94
	Sub-Total Puerto Rico	450	
	SUB-TOTAL OUTSIDE THE UNITED STATES	450	
	SUB-TOTAL ALL BASES	63,569	
	PLANNING AND DESIGN	7,725	b - 98
	UNSPECIFIED MINOR CONSTRUCTION	4,100	b -101
	SUB-TOTAL - SUPPORT COSTS	11,825	
	GRAND TOTAL	75,394	

## FY 1997 MILITARY CONSTRUCTION AUDIT TRAIL AIR NATIONAL GUARD

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Alabama			
Dannelly Field Air National Guard			
Upgrade Composite Hangar	2,700	-2,700	0
Sub-total Alabama	2,700	-2,700	0
California			
Channel Islands ANG Station			
Upgrade Drainage Systems	1,000	-1,000	0
March Air Reserve Base			
Alter General Purpose Aircraft Shops	1,765	-1,765	0
Sepulveda Air National Guard Station			
Supply and Civil Engineer Facility	1,800	-1,800	0
Sub-total California	4,565	-4,565	0
Colorado			
Buckley Air National Guard Base			
Upgrade Sanitary Sewer System	310	-310	0
Sub-total Colorado	310	-310	0
Florida			
Jacksonville International Airport (ANG)			
Upgrade Heating Plants and Chillers	680	0	680
Sub-total Florida	680	0	680
Georgia			
Robins Air Force Base			
B-1 Aircraft Parking Apron and Relocate			
Taxiway	0	+8,800	8,800
B-1 Composite Aircraft Maintenance Complex	13,761	-1,361	12,400
B-1 AGE and Munitions Trailer Maintenance			
Complex	0	+2,800	2,800
B-1 Site Improvements, Roads, and Utilities	6,300	-800	5,500
B-1 Composite Squadron Operations Facility	6,429	-6,429	0
B-1 Munitions Maintenance and			_
Training Complex	3,000	-3,000	
Sub-total Georgia	29,490	+10	29,500

STATE\ INSTALLATION\ PROJECT NAME	FY 1996/1997 BIENNIAL BUDGET (\$000)	CHANGE \$0	AMENDED FY 1997 BUDGET (\$000)
Hawaii			
Hickam Air Force Base			
Alter Avionics Shop	0	+1,000	1,000
Sub-total Hawaii	0	+1,000	1,000
Idaho			
Boise Air Terminal (Gowen Field)			
Fuel Systems Maintenance and Corrosion			
Control Facility	0	+4,500	4,500
Sub-total Idaho	0	+4,500	4,500
Illinois			
Greater Peoria Regional Airport (ANG)			
Fuel Systems Maintenance and Corrosion			
Control Facility	3,685	+515	4,200
Control 1 activity	3,065	7313	4,200
Sub-total Illinois	3,685	+515	4,200
Indiana			
Fort Wayne International Airport			
Upgrade Drainage System	500	-20	480
- 1 8 mm - 1 mm - 6 - 2 years			100
Sub-total Indiana	500	-20	480
Kansas			
McConnell Air Force Base			
B-1 Fuel Systems Maintenance Hangar	5,356	-5,356	0
Sub-total Kansas	5,356	-5,356	0
Massachusetts			
Barnes Municipal Airport (ANG)			
Upgrade Heating Distribution System	740	-240	500
Opgrade Heating Distribution System		-240	300
Sub-total Massachusetts	740	-240	500
Maryland			
Andrews Air Force Base			
Munitions Trailer Maintenance Facility	0	+500	500
Sub-total Maryland	0	+500	500

STATE\ INSTALLATION\	FY 1996/1997 BIENNIAL	CHANGE	AMENDED FY 1997
PROJECT NAME	BUDGET (\$000)	\$0	BUDGET (\$000)
Michigan			
Selfridge Air National Guard Base			
Upgrade Heating Systems	3,600	-600	3,000
Sub-total Michigan	3,600	-600	3,000
Minnesota			
Minneapolis St Paul International Airport			
Upgrade Refueling Vehicle Maintenance			_
and Washing Facility	360	-360	0
Sub-total Minnesota	360	-360	0
Nebraska			
Lincoln Municipal Airport (ANG)			
Remove Underground Fuel Storage Tanks	1,850	-1,850	0
Sub-total Nebraska	1,850	-1,850	0
New Jersey			
Atlantic City International Airport			
Add to and Alter Medical Training			
Facility	0	+380	380
McGuire Air Force Base			
Composite Base Civil Engineer			
Maintenance Facility	3,250	-3,250	0
Sub-total New Jersey	3,250	-2,870	380
New Mexico			
Kirtland Air Force Base			
Munitions Maintenance and			
Storage Complex	2,900	+100	3,000
Sub-total New Mexico	2,900	+100	3,000
Nevada			
Reno Cannon International Airport			
Fuel Systems Maintenance and			
Corrosion Control Hangar	0	+4,600	4,600
Sub-total Nevada	0	+4,600	4,600

STATE\	FY 1996/1997		AMENDED
INSTALLATION\	BIENNIAL	CHANGE	FY 1997
PROJECT NAME	BUDGET (\$000)	\$0	BUDGET (\$000)
New York			
Francis S. Gabreski Airport			
Aircraft Washing and Deicing Facility	630	+29	659
Stewart International Airport			
C-5 Flight Simulator Facility	3,000	0	3,000
Sub-total New York	3,630	+29	3,659
North Carolina			
Charlotte/Douglas International Airport			
Aeromed Evacuation Training Facility	1,950	-1,950	0
Transmit Drawation Training Lability		-1,750	
Sub-total North Carolina	1,950	-1,950	0
Ohio			
Mansfield Lahm Airport (ANG)			
Aircraft Deicing Apron	490	-490	0
	-		
Sub-total Ohio	490	-490	0
Oklahoma			
Will Rogers World Airport			
Add to and Alter Security Police Facility	500	+70	570
Sub-total Oklahoma	500	+70	570
Rhode Island			
Coventry ANG Station			
Communications and Electronics			
Training Facility	2,500	-2,500	0
5 ,			
Sub-total Rhode Island	2,500	-2,500	0
Гехаѕ			
Fort Worth Joint Reserve Base			
Fuel Cell and Corrosion Control Facility	0	+3,450	3,450
Sub-total Texas	0	+3,450	3,450
540 (544) 19/4U	v	10,400	<b>3,4</b> 30
Utah			
Salt Lake City International Airport (ANG)	_		
Electronics Security Squadron Complex	0	+2,250	2,250
Vehicle Washing Facility	460	-460	0
Sub-total Utah	460	+1,790	2,250
		-,0	_,0

STATE\ INSTALLATION\	FY 1996/1997 BIENNIAL	CHANGE	AMENDED FY 1997
PROJECT NAME	BUDGET (\$000)	\$0	BUDGET (\$000)
Virginia			
Richmond IAP (Byrd Field)			
Vehicle Maintenance Complex	1,550	-1,550	0
Sub-total Virginia	1,550	-1,550	0
Wisconsin			
Volk Field Air National Guard Base		=00	0
Munitions Storage Igloos	700	-700	0
Upgrade Sanitary Sewer System	320	+530	850
Sub-total Wisconsin	1,020	-170	850
Site 1			
Site 1			
Upgrade Maintenance Hangar	4,000	-4,000	0
Sub-total Site 1	4,000	-4,000	0
SUB-TOTAL INSIDE THE UNITED STATES	76,086	-12,967	63,119
OUTSIDE THE UNITED ST	ATES		
Puerto Rico			
Puerto Rico International Airport		10	450
Refueling Vehicle Shop and Paint Bay	460	-10	450
Sub-total Puerto Rico	460	-10	450
SUB-TOTAL OUTSIDE THE UNITED STATES	460	-10	450
SUB-TOTAL - ALL BASES	76,546	-12,977	63,569
PLANNING AND DESIGN	4,725	+3,000	7,725
UNSPECIFIED MINOR CONSTRUCTION	4,100	+0	4,100
SUB-TOTAL - SUPPORT COSTS	8,825	+3,000	11,825
DOD-TOTAL DOLLOW DOOR			
GRAND TOTAL	85,371	-9,977	75,394

# SUMMARY PROJECT LIST AIR NATIONAL GUARD NEW MISSION VERSUS CURRENT MISSION -- FY 97

LOCATION	PROJECT	COST (000)	CURRENT/ NEW/ENV
Jacksonville IAP ANG FL	Upgrade Heating Plants and Chillers	680	ENV
Robins AFB GA	B-1 Aircraft Parking Apron and Relocate Taxiway B-1 Composite Aircraft Maintenance Complex B-1 AGE and Munitions Trailer Maintenance Complex B-1 Site Improvements, Roads, and Utilities	8,800 12,400 2,800 5,500	N N
Hickam AFB HI	Alter Avionics Shop	1,000	N
Boise AT (Gowen Field) ID	Fuel Systems Maintenance and Corrosion Control Facility	4,500	N
Greater Peoria Airport ANG IL	Fuel Systems Maintenance and Corrosion Control Facility	4,200	N
Fort Wayne IAP IN	Upgrade Drainage System	480	ENV
Barnes Municipal Apt ANG MA	Upgrade Heating Distribution System	500	ENV
Andrews AFB MD	Munitions Trailer Maintenance Facility	500	С
Selfridge ANG Base MI	Upgrade Heating Systems	3,000	ENV
Atlantic City IAP NJ	Add to and Alter Medical Training Facility	380	С
Kirtland AFB NM	Munitions Maintenance and Storage Complex	3,000	N
Reno Cannon IAP NV	Fuel Systems Maintenance and Corrosion Control Hangar	4,600	N
Francis S Gabreski Airport NY	Aircraft Washing and Deicing Facility	659	ENV
Stewart IAP NY	C-5 Flight Simulator Facility	3,000	N
Will Rogers World Apt OK	Add to and Alter Security Police Facility	570	С
Fort Worth Joint Reserve Base TX	Fuel Cell and Corrosion Control Facility	3,450	ENV
Salt Lake City IAP ANG UT	Electronics Security Squadron Complex	2,250	N
Volk Field ANGB WI	Upgrade Sanitary Sewer System	850	ENV

LOCATION	PROJECT	(000) NEW/ENV
Puerto Rico IAP PR	Refueling Vehicle Shop and Paint Bay	450 ENV
	PLANNING AND DESIGN	7,725
	UNSPECIFIED MINOR CONSTRUCTION	4,100
	TOTAL NEW MISSION	52,050
	TOTAL CURRENT MISSION	1,450
	TOTAL ENVIRONMENTAL	10,069
	GRAND TOTAL - FY 1997 REQUEST	75,394

### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

#### **APPROPRIATION**

#### MILITARY CONSTRUCTION, AIR NATIONAL GUARD

#### **SECTION 1**

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contribution there for, as authorized by Chapter 133 of Title 10, United States Code, and military construction authorization Acts, \$75,394,000 (\$171,272,000) to remain available until September 30, 2001 (September 30, 2000)

() Individual FY 96 Appropriation Language

#### SPECIAL PROGRAM CONSIDERATIONS

#### **Pollution Abatement**

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### **Energy Conservation**

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings versus investment cost. Projects include improvements to existing facilities and utility systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

#### Flood Plain Management and Wet Land Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proposed management of flood plains and the protection of wet lands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wet lands. Project planning is in accordance with the requirements of Executive Order Numbers. 11988 and 11900.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-400, provisions for physically handicapped personnel will be provide for, where appropriate, in the design of facilities included in this program.

#### **Preservation of Historical Sites and Structures**

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

#### **Environmental Protection**

In accordance with Section 102(2) (c) of the Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### **Economic Analysis**

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Actual economic analysis have been or will be prepared for all projects over \$2,000,000.

#### SPECIAL PROGRAM CONSIDERATIONS

(continued)

#### Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

#### Potential Use of Vacant Schools and Other State and Local Facilities

The potential use of vacant schools and other state and local owned facilities has been reviewed and analyzed for each facility to be constructed under this program.

#### Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Identification code   57-3830-0-1-051   Budget Plan (amounts for Militro Construction actions programed Construction actions programed Program by activities:    Direct program:	le, start of year: ear budget plans budget plans	229,768 4,000 14,823 248,591 248,591	mounts for MILITA ictions programed) 1996 est. 199 4,455 6,450 171,272	for MILITARY programed) st. 1997 est.		Obligations	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
cation code 57-3830-0-1-051 1995 actual 1996 broad by activities:  Direct program:  Major construction  Minor construction  Planning  Total direct program  24,000  14,823	year:	229,768 4,000 14,823 248,591 248,591	1996 est. 160,367 4,455 6,450 171,272	1997 est.			
rogram by activities:  Direct program:  Major construction  Minor construction  Planning  Total direct program  248,591	, , , , , , , , , , , , , , , , , , ,	229,768 4,000 14,823 248,591 248,591	160,367 4,455 6,450 171,272		1995 actual	1996 est.	1997 est.
Total direct program 248,591	25 1	248,591	171,272	63,569 4,100 7,725	250,370 4,432 14,145	147,081 3,273 10,358	117,164 3,665 7,667
	75 .	248,591	171,272	75,394	268,947	160,712	128,496
:	75 .			75,394	268,947	160,712	128,496
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	-6,700		-237,634	-210,520 -6,700	-221,080
Reprograming from/to prior year Unobligated balance available, end For completion of prior year but Available to finance subsequent	or year budger plan lle, end of year: lear budget plans	6,757			210,520 6,700 57		167,978
248,591	51	248,591	164,572	75,394	248,591	164,572	75,394
Budget authority:  Appropriation  Appropriation reacinded (unob bal)	(unob bal)	248,591	171,272	75,394	248,59	171,272	75.394
Appropriation (adjusted)	d)	248,591	164,572	75,394	248,591	164,572	75,394
Relation of obligations to outlays: 71.0001 Obligations incurred 72.4001 Obligated balance, start of year 74.4001 Obligated balance, and of year 77.0001 Adhistments in expired accounts (net)					268,947 228,299 -264,824 291	160,712 264,824 -158,852	128,496 158,852 -84,283
Outlays (net)				1	232,713	266,684	203,065

Mil. Con., Air National Guard Object Classification (in Thousands of dollars) SUMMARY

1	1995 actual	1996 est.	1996 est. 1997 est.
Direct obligations: 132,001 Land and structures	264,133	149,962	119,446
199.001 Total Direct obligations		149,962	119,446
Allocation Accounts 332.001 Land and structures	4,814	10,750	9,050
399.001 Total Allocation Accounts	4,814	10,750	9,050
999.901 Total obligations	268,947	160,712	128,496
Obligations are distributed as follows:     Detense-Military:Army     Defense-Military:Navy     Defense-Military:Air Force	1,404 3,410 264,133	1,427 9,323 149,962	388 8,662 119,446
Total Obligations	268,947	160,712	128,496

1. COMPON	NENT	FY 1997 GUARD				2.	DATE		
ANG		MILITARY CON	STRUCTION			<del> </del>	ADEA	CONG	тı
		AND LOCATION				1		CONS	
JACKSONV)	ILLE INT	ERNATIONAL AIRPORT (	ANG), FLORIDA					91	Λ
s EDEUIII	ENCV AND	TYPE OF UTILIZATION				+			
Twelve mo	onthly a	ssemblies per year, of techician force.	15 annual fie	ld t	raining	days	per		
		GUARD/RESERVE INSTAL Guard Armory	LATIONS WITHI	N 15	MILE RA	DIUS			
7. PROJEC	CTS REQU	ESTED IN THIS PROGRA	M: FY 1997						
CATEGORY			9,900		COST			STATU	
CODE		PROJECT TITLE	SCOPE		<u>(\$000)</u>	<u>51</u>	ART	<u>CMPI</u>	ī
821-116	UPGRADE CHILLE	HEATING PLANTS AND		LS	680	OCT	93	JUN	9.
	44								
		FORCES FACILITIES E		DATI	ON	19	) JUI		
Un:	ilateral	Construction Approv	red	DATI(	ON	19	) JUL (Dat		
Un:	ilateral			DATI(			(Dat	e)	
Un:	ilateral ACQUISIT	Construction Approv	red None	DATI(			(Dat		S
Un:	ilateral ACQUISIT ECTS PLA	Construction Approv	red None	DATI(	(N		(Dat	e)	S
Un: 9. LAND A	ilateral ACQUISIT ECTS PLA	Construction Approv	red None	DATI	(N		(Dat	e)	S
9. LAND A 10. PROJI CATEGORY CODE	ilateral ACQUISIT ECTS PLA ADD TO	Construction Approv ION REQUIRED NNED IN NEXT FOUR YE	None RARS		(N		(Dat	e)	S
Un: 9. LAND A 10. PROJI CATEGORY CODE	ACQUISIT  ECTS PLA  ADD TO  TRAINI ADD TO  CORROS	Construction Approv  ION REQUIRED  NNED IN NEXT FOUR YE  PROJECT TITLE  AND ALTER MEDICAL  NG FACILITY  AND ALTER FUEL CELL  ION CONTROL FACILITY	None  ARS  SCOPE  9,800  AND 11,000	SF SF	COST (\$000) 1,100 1,900		(Dat	e)	S
Un: 9. LAND A 10. PROJICATEGORY CODE 171-450 211-179 219-944	ACQUISIT  ACQUISIT  ECTS PLA  ADD TO  TRAINI ADD TO  CORROS ADD TO  ENGINE	Construction Approv  ION REQUIRED  NNED IN NEXT FOUR YE  PROJECT TITLE  AND ALTER MEDICAL  NG FACILITY  AND ALTER FUEL CELL  ION CONTROL FACILITY  AND ALTER BASE CIVIL  ER MAINTENANCE SHOP	None  SARS  SCOPE  9,800  AND 11,000  19,250	SF SF SF	COST (\$000) 1,100 1,900 1,650		(Dat	e)	S
Un: 9. LAND A 10. PROJICATEGORY CODE 171-450 211-179 219-944	ACQUISIT  ACQUISIT  ECTS PLA  ADD TO  TRAINI ADD TO  CORROS ADD TO  ENGINE	Construction Approv  ION REQUIRED  NNED IN NEXT FOUR YE  PROJECT TITLE  AND ALTER MEDICAL  NG FACILITY  AND ALTER FUEL CELL  ION CONTROL FACILITY  AND ALTER BASE CIVIL	None  SARS  SCOPE  9,800  AND 11,000  19,250	SF SF	COST (\$000) 1,100 1,900		(Dat	e)	S
Un: 9. LAND A 10. PROJICATEGORY CODE 171-450 211-179 219-944	ACQUISIT  ACQUISIT  ECTS PLA  ADD TO  TRAINI ADD TO  CORROS ADD TO  ENGINE	Construction Approv  ION REQUIRED  NNED IN NEXT FOUR YE  PROJECT TITLE  AND ALTER MEDICAL  NG FACILITY  AND ALTER FUEL CELL  ION CONTROL FACILITY  AND ALTER BASE CIVIL  ER MAINTENANCE SHOP	None  SARS  SCOPE  9,800  AND 11,000  19,250	SF SF SF	COST (\$000) 1,100 1,900 1,650		(Dat	e)	S
Un: 9. LAND A 10. PROJICATEGORY CODE 171-450 211-179 219-944	ACQUISIT  ACQUISIT  ECTS PLA  ADD TO  TRAINI ADD TO  CORROS ADD TO  ENGINE	Construction Approv  ION REQUIRED  NNED IN NEXT FOUR YE  PROJECT TITLE  AND ALTER MEDICAL  NG FACILITY  AND ALTER FUEL CELL  ION CONTROL FACILITY  AND ALTER BASE CIVIL  ER MAINTENANCE SHOP	None  SARS  SCOPE  9,800  AND 11,000  19,250	SF SF SF	COST (\$000) 1,100 1,900 1,650		(Dat	e)	

#### 1. COMPONENT FY 1997 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION JACKSONVILLE INTERNATIONAL AIRPORT (ANG), FLORIDA

#### 11. PERSONNEL STRENGTH AS OF 31 JUL 95

	PERMANENT				GUARD/RES	ERVE	
	<u>TOTAL</u>	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	<b>ENLISTED</b>
AUTHORIZED	366	34	329	3	1,057	98	959
ACTUAL	307	26	279	2	988	96	892

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	<u>SIGNATION</u>		AUTHORIZED	ACTUAL
125	FG		47	54
159	FS		34	39
125	MNT SQ		200	344
125	MSF		34	34
125	MED SQ		52	51
125	CES		140	105
125	SPS		85	79
125	LOG SQ		112	106
125	COM FL		47	41
125	SVF		30	28
125	OPS GP		3	2
125	LOG GP		20	14
125	SPT GP		5	3
125	OSF		25	22
8125	STU FT		0	25
125	FGDET1		40	32
125	ACM SQ		151	8
125	LGSPFT		32	1
		TOTALS	1,057	988

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
F-15 A/B Aircraft	15	19
C-26 Aircraft	1	1
Support Equipment	93	93
Vehicle Equivalents	191	210

1. COMPONENT											2.	DATE
FY 1997 MILITARY CONSTRUCTION PROJECT DATA							1					
ANG				<u>ute</u>	r gen						ļ	
3. INSTALLATI								JECT :				
JACKSONVILLE	INTERI	ITA	ONAL AIRPOR	ΤΑ	ING	1			ring	PLAN	rs A	AND
FLORIDA						_	ILLE		I			7000(4000)
5. PROGRAM EI	EMENT	6.	CATEGORY CO	DE	7. PR	JEC	T NUI	MREK	8. 1	ROJE	JT (	COST(\$000)
55256F			821-116		LS	A93	9634					\$680
332301					ESTI							
										UNI	r	COST
		IT	EM				U/M	QUAN	TITY	COST	Γ	(\$000)
UPGRADE HEATI	NG PL	NTS	AND CHILLE	RS			LS					515
SUPPORTING FA	CILIT	ES										100
UTILITIES							LS					( 25)
PAVEMENTS							LS					( 35)
SITE IMPROV	EMENT	3					LS					( 5)
ASBESTOS RE	MOVAL						LS	1				( <u>35</u> )
SUBTOTAL							ļ					615
CONTINGENCY (	5%)											<u>31</u>
TOTAL CONTRAC	T COS	[										646
SUPERVISION,	INSPE	CTIO	N AND OVERH	EAD	(5%)							32
TOTAL REQUEST	•											678
TOTAL REQUEST	(ROUI	4DED	)					İ				680
							1					

10. Description of Proposed Construction: Remove and dispose of two 3,500 MBH oil-fired boilers and two 175-ton chillers. Replace with individual heating and cooling units at grouped buildings. Upgrade duct work and controls. Remove asbestos insulation.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Plants and Chillers (Current Mission).

REQUIREMENT: This is a level II environmental compliance project mandated by the Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards; 40 CFR 61, National Emission Standards for Hazardous Air Pollutants; and 40 CFR 82, Protection of Stratospheric Ozone. The base requires properly sized and efficient heating and cooling systems which meet applicable air quality emission standards. This project will replace the central heat plant by constructing packaged heating/air onditioning units grouped for efficiency and economical operation.

CURRENT SITUATION: The boilers and chillers serve eight buildings by underground steam/hot water lines and cooling lines. The boilers do not meet federal air quality emission standards. The systems are old and unreliable and controls are antiquated. The boiler insulation contains friable asbestos. The chillers are over 20 years old and use refrigerant R-113 which is being phased out and is no longer manufactured. Spare parts are no longer available and maintenance is ineffective. There is heat loss in the lines. A new heating system will reduce CO and NO2 emissions by eight tons per year and will reduce energy costs 19 percent. This will help meet federal, state and local clean air regulations. The base is in a transitional non-attainment area for ozone.

1	1. COMPONENT	THE LOCK MILITHARY CONCERNICATION PROTECT DAMA	2. DATE
	ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	
1		ION AND LOCATION	
	JACKSONVILLE	INTERNATIONAL AIRPORT ANG FLORIDA	
1	4. PROJECT T		OJECT NUMBER
	IIDCDADE BEAG	ING PLANTS AND CHILLERS LS	GA939634
1			
	high operation	Energy inefficient and old system would continue to ng and maintenance costs. Chillers will become ino supply of environmentally restricted refrigerant i	perable

	ENT	2. DATE
NG	FY 1997 MILITARY CONSTRUCTION PROJECT DAY  (computer generated)	IA .
	LATION AND LOCATION	
A CIZCONTIT	TE THURRDMATTONAL ATDROPT AND PLODEDA	
. PROJEC	LLE INTERNATIONAL AIRPORT ANG FLORIDA	5. PROJECT NUMBER
PGRADE_H	EATING PLANTS AND CHILLERS	LSGA939634
2. SUPP	LEMENTAL DATA:	
_		
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	93 OCT 22
	(b) Percent Complete as of Jan 96	100% 94 DEC 10
	<ul><li>(c) Date 35% Designed</li><li>(d) Date Design Complete</li></ul>	95 JUN 01
	(d) Date Debign complete	
(2)	Basis:	NO
	<ul><li>(a) Standard or Definitive Design -</li><li>(b) Where Design Was Most Recently Used -</li></ul>	N/A
	(b) where besign was most kecentry used -	11/ 11
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
	(a) Production of Plans and Specifications	30 20
	<ul><li>(b) All Other Design Costs</li><li>(c) Total</li></ul>	50
	(d) Contract	50
	(e) In-house	
(4)	Construction Start	97 MAY
(.,		
. Equip	ment associated with this project will be provid	ed from
	ropriations: N/A	
	Mr.	Lee Anderson

				·	
1. COMPONENT ANG	FY 1997 GUARD AN MILITARY CONST			2. DATE	
	ON AND LOCATION			4. AREA	CONSTR
	RCE BASE, GEORGIA			COST	INDEX
	•			0.	96
	AND TYPE OF UTILIZATION				
	y assemblies per year, 15			ning per	•
year, daily u	se by technician/AGR forc	e and traini	ng.		
6. OTHER ACTIV	VE/GUARD/RESERVE INSTALLA	TIONS WITHIN	15 MILE RA	DIUS	
	eserve Facility, 2 Army N				
	ity, 1 Navy/Marine Reserv		,		
	•	-			
	EQUESTED IN THIS PROGRAM:	FY 1997	00.0m	DEGTAN	CM A MITC
CATEGORY		66000	COST	DESIGN	
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>
113-321 B-1	AIRCRAFT PARKING APRON	83,400	SM 8,800	SEP 95	AUG 96
	RELOCATE TAXIWAY	33,100	,		
211-152 B-1	COMPOSITE AIRCRAFT	7,138	SM 12,400	JUL 95	AUG 96
	NTENANCE COMPLEX				
	AGE AND MUNITIONS TRAILER	2,100	SM 2,800	SEP 95	AUG 96
	NTENANCE COMPLEX				
	SITE IMPROVEMENTS, ROADS		LS 5,500	FEB 95	MAY 96
AND	UTILITIES				
8 STATE RESE	RVE FORCES FACILITIES BOA	RD RECOMMEND	ATTON		
	ral Construction Approved			_1 DEC	93
				(Dat	
9. LAND ACQUI	SITION REQUIRED	None			
			<u>(N</u>	umber of	Acres)
	PLANNED IN NEXT FOUR YEAR	S			
CATEGORY			COST		
CODE	PROJECT TITLE	SCOPE	(\$000)		

	9. LAND ACQUISITION REQUIRED	None	
_			(Number of Acres)
	10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY	COS	!T
	CODE PROJECT TITLE	SCOPE (\$00	· -
	116-665 B-1 POWER CHECK PAD WITH SOUND SUPPRESSOR	LS 1,0	000
	141-753 B-1 COMPOSITE SQUADRON OPERATIONS COMPLEX	35,600 SF 5,3	800
	171-445 B-1 OPERATIONS AND TRAINING FACILITY	30,300 SF 4,8	00
	171-875 B 1 LOAD CREW TRAINING COMPLEX	22,000 SF 2,8	00
	211-154 B-1 AIRCRAFT ORGANIZATIONAL	LS 5	20

1. COMPONENT			GUARD AND ARY CONSTR			2. DA	TE
ANG	ļ	1,177,17	WIT COMPTIV	OOTION			
3. INSTALLATION							
ROBINS AIR FO	RCE BAS	E, GEORGI	A				
1							
11. PERSONNEL	STRENG	TH AS OF	18 AUG 94			-	
1							
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	359	24	334	1	1,096	105	991
		= -			•	103	967
ACTUAL	320	22	297	7	1,070	103	307

12. RESERVE UNIT DATA		
	STREM	
<u>UNIT DESIGNATION</u>	AUTHORIZED	<u>ACTUAL</u>
116 CES	110	103
116 CAM SQ	460	438
116 COMMFT	35	46
116 MSF	35	34
116 RM SQ	107	109
116 FW	57	58
116 HOSPT	51	49
116 SPS	57	57
128 FS	44	38
530 AFBAND	36	35
116 SVS	34	29
116 OPS GP	8	8
116 OSF	30	30
116 LGS GP	27	32
116 SPT GP	<u>5</u>	4
1	ALS 1,096	1,070

13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	<u>ASSIGNED</u>
B-1 Aircraft	8	2
Support Equipment	289	255
Vehicle Equivalents	227	229

In government										12	D A TUD
1. COMPONENT	To t	7 1007 WTT	ተጥልኮህ ሮሳ	) NICT	יטוורייד	ON DD	ስ ፕፒነርጥ	D A TP A	١	۷٠	DATE
FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)								1			
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									<b>!</b>		
3. INSTALLATIO	IA WIAT	LOCATION			1 '	-1 AI			_	ΔРΙ	ON
						ND RE				ALI	COIT
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT									CT (	OST(\$000)	
J. TROCKER BEE	111111	o. onizec	KI OUDD	` `	11.001	01 1,0.		• •			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
51628F		113-3	21		UHHZ9	59701				\$	8,800
			9. COS	r E				•			
						1			UNI	r	COST
		ITEM				U/M	QUAN	rity	COST	<u>r</u>	(\$000)
B-1 AIRCRAFT P	ARKI	NG APRON A	ND RELO	CAT	E						
TAXIWAY						SM	83,				7,631
PARKING APRO						SM	62,			94	, ,
RELOCATE TAX		-				SM	20,	900		84	( 1,756)
SUPPORTING FAC		ES									395
ACCESS ROADS		_				LS					( 45)
SITE IMPROVE						LS					( 50)
DRAINAGE STR		RES				LS	]				( 50)
RAMP LIGHTIN	G					LPS	•		İ		( <u>250</u> ) 8,026
SUBTOTAL CONTINGENCY (5	<i>ه</i> / /										401
TOTAL CONTRACT	-	p									8,427
			OVERHEA	ם כי	5%)						421
SUPERVISION, INSPECTION AND OVERHEAD (5%)											8,848
TOTAL REQUEST	(ROUI	NDED)									8,800
	,	<b>_ ,</b>					1		l I		
							<u> </u>				

10. Description of Proposed Construction: Reinforced concrete slabs with provision for the aircraft support system and hydrant refueling system on the ramp. Provide ramp lighting and taxiway edge lighting. Remove old taxiway rubble. Reinforced concrete taxiway slabs. Relocate and extend utilities. Site improvements, drainage and support.

11. REQUIREMENT: 83,000 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: B-1 Aircraft Parking Apron and Relocate Taxiway (New Mission). The 116th Fighter Wing at Dobbins AFB is moving to Robins REQUIREMENT: AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs an adequately sized and properly configured apron for parking and maintenance and a taxiway strong enough to support the load and allow the aircraft to taxi to both ends of the runway. CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-1 aircraft. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. In the interim, the aircraft are parked in the old SAC alert apron. However, this apron is too small and is needed for munition storage and to load munitions on the aircraft. The base has made available an area where ANG can build the facilities. Until the ramp is constructed, the ANG will be using high risk workarounds for parking and maintaining the aircraft. The existing taxiway is not strong enough to support the B-1 aircraft, which is one of the heaviest weapon system in the inventory. The taxiway is also in the way of the parking apron and must be relocated. This taxiway is vital to the aircraft movements on the west side of the base and as access to the Hot Cargo Apron. Various Site

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT (computer generated)		2. DATE
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3. INSTALLATI	ON AND LOCATION		
ROBINS AIR FO	RCE BASE GEORGIA	1	ATTOM ATTOONED
4. PROJECT T	TLE	5. PR	OJECT NUMBER
R_1 ATRCRAFT	PARKING APRON AND RELOCATE TAXIWAY	UHI	HZ959701
In-I WINOWWIT	***************************************	•	

Activation Task force teams have declared the facility portion of the beddown as unsatisfactory pending the completion of these and numerous other facilities.

IMPACT IF NOT PROVIDED: Unable to properly park and maneuver the aircraft. Unable to reach the ends of the runway. The aircraft are parked over two miles from the hangar and other maintenance facilities. Unable to construct the munition maintenance and storage facilities. Aircraft and personnel will have to be flown to other bases for munition training and aircraft loading. Higher operating costs. Readiness and capability severely degraded.

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT	lo name									
FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE									
ANG (computer generated)										
3. INSTALLATION AND LOCATION										
ROBINS AIR FORCE BASE GEORGIA										
4. PROJECT TITLE 5. PF	ROJECT NUMBER									
B-1 AIRCRAFT PARKING APRON AND RELOCATE TAXIWAY	IHZ959701									
12. SUPPLEMENTAL DATA:										
a. Estimated Design Data:										
(1) Status:										
(a) Date Design Started	95 SEP 01									
(b) Percent Complete as of Jan 96	40%									
(c) Date 35% Designed	96 FEB 01									
(d) Date Design Complete	96 AUG 31									
(2) Basis:										
(a) Standard or Definitive Design -	NO									
(b) Where Design Was Most Recently Used -	N/A									
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)									
(a) Production of Plans and Specifications	440									
(b) All Other Design Costs	210									
(c) Total	650									
(d) Contract	650									
(e) In-house										
(4) Construction Start	97 MAY									
b. Equipment associated with this project will be provided fro	m l									
other appropriations: N/A										

Mr. Steve Rider (301) 836-8083

1. COMPONENT										2.	DA'	TE
	FY 1997 MILITARY CONSTRUCTION PROJECT DATA											
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3. INSTALLATI	ON ANI	LOCATION					JECT 3					
							MPOSI			rT.		
ROBINS AIR FO	RCE BA	SE GEORGIA					VANCE			2m C	10.0	m/4000)
5. PROGRAM EI	EMENT	6. CATEGORY	CODE	7. PROJ	JEC1	. Mun	AREK	8. 1	KOJE	JI	,US	T(\$000)
				******	7000	700				фı	2	400
51628F	<u> </u>	211-152		UHHZ						Φ.	<u>. Z , '</u>	400
		9	. COST	ESTIM	TIES	<u> </u>			UNI	r		COST
		ITEM				11 /M	QUAN	רדידע		i i		\$000)
COMPOSITE AIR	CD A TT		COMPL	FY		SM		138	000	-		9,609
		MAINTENANCE		LIA		SM		000	1.3	250	(	•
		TENANCE HAN				SM		150		400		•
CORROSION			· ·			SM		150		400		
		ROSION CONTR	OL SHO	PS		SM		550		300		
SURVIVAL EC						SM	:	288		300		374)
SUPPORTING FA	•											1,700
UTILITIES/						LS					(	1,000)
SITE IMPROV						LS					(	100)
PAVEMENTS						LS					(_	600
SUBTOTAL							1					11,309
CONTINGENCY (5%)											-	565
TOTAL CONTRAC												11,874
SUPERVISION,		CTION AND OV	ERHEAD	(5%)		1					-	594
TOTAL REQUEST												12,468
TOTAL REQUEST	r (ROU	NDED)				l	1					12,400

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab. Steel framed insulated panels walls, interior masonry walls and roof structure. Provide interior utilities. Provide exterior utilities, site improvements, access pavements, fire suppression, and support.

Air Conditioning: 100 Tons.

11. REQUIREMENT: 7,138 SM ADEQUATE: 0 SUBSTANDARD: 0
PROJECT: B-1 Composite Aircraft Maintenance Complex (New Mission).
REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base needs a complex for corrosion control, fuel cell inspection, aircraft maintenance and repair shops for the B-1 aircraft. This project is in the 3rd phase of a program to provide permanent facilities for these aircraft.

CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF ascertained there are no permanent facilities available at Robins AFB to house the the B-l aircraft maintenance functions. All permanent facilities at Robins AFB are being used to full capacity to support the numerous base missions. The base has made available an area where the ANG can build the permanent facilities. Until they are constructed, the ANG is using high risk workarounds to park and maintain the aircraft. The majority of the maintenance is done on the ramp, weather permitting. For covered maintenence area, the ANG shares the facilities, on a space available basis, with the other base users such as the C-141 depot mission and the KC-135 aircraft. The shops are also being shared. However, they are not properly sized or configured for B-1

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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	ON AND LOCATION  ORCE BASE GEORGIA	
4. PROJECT T		PROJECT NUMBER

B-1 COMPOSITE AIRCRAFT MAINTENANCE COMPLEX

and are scattered among other shops and functions on base. Critical maintenance is done at other Air Force or ANG B-1 bases. Other critical maintenance tasks are delayed. Command and control and quality assurance for aircraft maintenance does not exist. Inclement weather reduces the work that can be performed on the ramp. The safety of the maintenance work force is compromised. The accumulated maintenance deficiencies can ground the aircraft and the crews cannot train. Various Site Activation Task Force teams have declared the facility portion of the beddown as unsatisfactory until these and other facilities are completed. IMPACT IF NOT PROVIDED: Unable to accomplish maintenance properly. Unable to reach full operational capability. Training opportunities are lost. Maintenance of engines and other aircraft components and systems are done on the ramp using high risk workarounds. Aircraft and personnel will have to be flown to other bases for some of the maintenance. Higher operating costs. Aircraft could be grounded and readiness and capability

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

UHHZ939789

severely degraded.

NG A TABLE	FY 1997 MILITARY CONSTRUCTION PROJECT DAY	TA
	(computer generated)  ON AND LOCATION	
. INSTALLATIO	N AND LOCATION	
OBINS AIR FO	RCE BASE GEORGIA	1
. PROJECT TI		5. PROJECT NUMBER
-1 COMPOSITE	AIRCRAFT MAINTENANCE COMPLEX	UHHZ939789
2. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St	atus:	
(a)	Date Design Started	95 JUL 01
(b)	Percent Complete as of Jan 96	40% 95 DEC 15
(c)	Date 35% Designed	96 AUG 15
(d)	Date Design Complete	70 R00 13
(2) Ba	sis:	NO
(a)	Standard or Definitive Design -	N/A
(b)	Where Design Was Most Recently Used -	21/ 22
(3) To	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000
(a)	Production of Plans and Specifications	730
(b)	All Other Design Costs	292
	Total	1022
	Contract	1022
(e)	In-house	
(4) Cc	nstruction Start	97 MAY
). Equipment	associated with this project will be provide	ied from
o. Equipment other appropr	associated with this project will be providing iations: N/A	ied from
o. Equipment other appropr	associated with this project will be provious iations: N/A	ied from
o. Equipment ther appropr	associated with this project will be provious iations: N/A	ied from
. Equipment ther appropr	associated with this project will be provio	ied from
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o. Equipment ther appropi	associated with this project will be provio	ied from
e. Equipment other appropi	associated with this project will be provio	ied from
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o. Equipment other appropi	associated with this project will be provio	ied from
o. Equipment other appropr	iations: N/A	ded from

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1. COMPONENT								2.	DATE
FY 1997 MILITARY CONSTRUCTION PROJECT DATA									
ANG (computer generated)  3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
3. INSTALLATION A			JECT TITI						
B-1 AGE AND MUNITIONS								STI	RAILER
ROBINS AIR FORCE BASE GEORGIA MAINTENANCE COMP.  5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER   8. P.								G. T.	7007(4000)
3. PROGRAM ELEMEN	o. CALEGORY	CODE	/. PROC	JEG.	r NUI	MREK 8.	PROJE	GT (	COST(\$000)
51620T	210 712		*******	705	2510				ho ooo
51628F	218-712		UHHZ ESTIMA						2,800
	9	. 6021	<u> FOITIN</u>	ILE	) 		UNI:	T	COST
	ITEM				TT /M	QUANTIT			(\$000)
B-1 AGE AND MUNIT					0/11	QUANTIT	603.	<u>.                                    </u>	(\$000)
MAINTENANCE COMPL					SM	2,100	1		1,759
AGE SHOPS MAINT		) PACE			SM	950	1,	810	
MUNITIONS TRAIL			ACE		SM	1,150	1	860	( 989)
SUPPORTING FACILI		B, <b>D</b> I O I	GIOD		J	1,130	'	000	775
UTILITIES					LS				( 230)
PAVEMENTS					LS		1		( 310)
SITE IMPROVEMEN	rs				LS		1		( 115)
SECURITY FENCIN	3				LS				(120)
SUBTOTAL									2,534
CONTINGENCY (5%)									127
TOTAL CONTRACT CO	ST								2,661
SUPERVISION, INSP	ECTION AND OVE	ERHEAD	(5%)						133
TOTAL REQUEST							1		2,794
TOTAL REQUEST (RO	JNDED)								2,800

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, steel framed masonry walls and roof structure. Interior and exterior utilities; access pavement, fire protection and support. Air Conditioning: 10 Tons.

11. REQUIREMENT: 6,000 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: B-1 AGE and Munitions Trailer Maintenance Complex (New Mission).

REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins

AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in

1996. The base requires a properly sited, sized and configured complex

for the B-1 aircraft support ground equipment and the trailers that carry

munitions from the storage igloos to the aircraft. Functional areas

include maintenance bays, equipment storage, tool room, locker rooms,

classrooms, and administrative areas.

CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF, ascertained there are no facilities available on the base that can be used for the munitions maintenance and AGE equipment storage. The B-l aircraft has large numbers of support equipment that require maintenance and storage areas. The base has an area with sufficient quantity distance that meets all criteria and would allow construction of the complex. Until this project is completed the ANG will be using temporary leased trailers. The temporary age facility has been made available by the base. The space, however, is away from the aircraft parking and less than one third of the authorized space. The majority of the maintenance work is done outside, weather permitting. The equipment is also stored outside.

•	1. COMPONENT  FY 1997 MILITARY CONSTRUCTION PROJECT DATA  ANG (computer generated)	'A	2. DATE
•	3. INSTALLATION AND LOCATION		
			:
	ROBINS AIR FORCE BASE GEORGIA 4. PROJECT TITLE	5. PRO	JECT NUMBER
	4. FROSEGI TILDE		
	B-1 AGE AND MUNITIONS TRAILER MAINTENANCE COMPLEX	UHF	IZ959519
	munitions training maintenance and handling. The AGE equipment of maintenance. Outside storage accelerates the rust and deterioration. Unable to reach full operational capable operating costs. Lack of adequate area directly impact unto support the mission. Degraded readiness.  ADDITIONAL: All known options were considered during the this project. No other option could meet the mission requipment of the mission requipment.	sting, oility, nit's d	corrosion Higher capability opment of

Ī	1. COMPONENT		2. DATE						
	ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	A						
†		ON AND LOCATION	•						
+		DRCE BASE GEORGIA	5. PROJECT NUMBER						
	4. PROJECT TITLE 5. PROJECT NUMBER								
1	B-1 AGE AND I	MUNITIONS TRAILER MAINTENANCE COMPLEX	UHHZ959519						
	12. SUPPLEM	ENTAL DATA:							
	a. Estima	ted Design Data:							
۱	(1) S	tatus:							
		) Date Design Started	95 SEP 01						
		Percent Complete as of Jan 96	40%   96 FEB 01						
Ì		) Date 35% Designed ) Date Design Complete	96 AUG 15						
	(2	, , , , , , , , , , , , , , , , , , , ,							
	(2) B		MO						
١		) Standard or Definitive Design — ) Where Design Was Most Recently Used —	NO N/A						
	(5	, where besign was note recently state							
		otal Cost (c) = (a) + (b) or (d) + (e):	(\$000)						
		) Production of Plans and Specifications	135 70						
		) All Other Design Costs ) Total	205						
		) Contract	205						
		) In-house							
	(4) C	onstruction Start	97 JUN						
	b. Equipmen	t associated with this project will be provide	d from						
		riations: N/A							
	I								

Mr. Steve Rider (301) 836-8083

1. COMPONENT										2.	DATE
FY 1997 MILITARY CONSTRUCTION PROJECT DATA											
ANG (computer generated)											
3. INSTALLATION AND LOCATION 4. PROJECT TITLE											
B-1 SITE IMPROVEMENTS, ROADS									ROADS		
ROBINS AIR FORCE BASE GEORGIA   AND UTILITIES     5. PROGRAM ELEMENT   6. CATEGORY CODE   7. PROJECT NUMBER   8. PROJECT COST(\$000)										70 GTT (#000)	
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PROJ	IEC1	r Nur	MBER	8. F	KOJEC	T (	COST(\$000)
										á	5,500
51628F		932-000		UHHZ						•	55,500
		9	. COS:	r estim	TES	<u> </u>	l -		UNI	r	COST
		ITEM				TT/M	QUAN.	rttv	COST	_	(\$000)
B-1 SITE IMPR	OVEME		ודידידו	ES.		LS	QUIII.				4,620
UTILITIES	.0 4 15 115 1	(ID) ROADD) OI				LS	l				( 1,740)
DRAINAGE ST	יפוורידווו	RES				LS					( 1,350)
ROADS AND F						LS	1				( 1,530)
SUPPORTING FA											385
SITE IMPROV						LS					( <u>385</u> )
SUBTOTAL	D1111111.										5,005
CONTINGENCY (	5%)										250
TOTAL CONTRAC		Γ									5,255
SUPERVISION,	INSPE	CTION AND OV	ERHEA	D (5%)							<u>263</u>
TOTAL REQUEST											5,518
TOTAL REQUEST	(ROU	NDED)					ļ				5,500
ļ.,		c D 1 /				<u> </u>	7000		ļ		1-1

10. Description of Proposed Construction: Paved road network, parking lots, major drainage structures and the underground utilities network. Tie the ANG area to the base utility network. Includes: gas, electric, water, storm and sanitary systems, communications, airfield drainage, industrial waste water pond, security fencing and minimal landscaping.

11. REQUIREMENT: As required. PROJECT: B-1 Site Improvements, Roads and Utilities (New Mission). REQUIREMENT: The 116th Fighter Wing at Dobbins AFB is moving to Robins AFB and converting from F-15 fighter aircraft to B-1 bomber aircraft in 1996. The base requires properly sited and adequately configured facilities for the beddown of the B-1 aircraft which is one of the heaviest and noisiest in the Air Force aircraft inventory. CURRENT SITUATION: A site survey conducted jointly by representatives from the Air National Guard, Air Combat Command, Air Force Material Command and HQ USAF have ascertained there are no permanent facilities available at Robins to beddown the B-l aircraft. The base has an open area that can be used for construction. It is located to the west of the existing base on semi-developed land. A major open drainage system crosses the property. The utilities do not exist in the area. All utilities and a road network must be extended to the area. The drainage must be rerouted. Ramp runoff must be captured, treated and disposed in

an environmentally safe manner. Fuel spill containment measures must be constructed. The security fencing is needed to separate the flightline area from the rest of the base. Communications sytems do not exist and must be constructed or extended from the base network. The central parking lots for parking up to 800 private owned vehicles, for UTA training, are not available and must be constructed. The area must be

1. COMPONENT		2. DATE
ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	A
	ON AND LOCATION	
DORTHS ATD FO	DRCE BASE GEORGIA	
4. PROJECT T		5. PROJECT NUMBER
	DOLDAN DOLDA AND LIMIT THIRD	111117040E00
B-I SITE IMPI	ROVEMENTS, ROADS AND UTILITIES	UHHZ949508
screened off  IMPACT IF NOT  aircraft resu personnel. A for the unit unsatisfactor  ADDITIONAL: this project	from the nearby public roads for the noise and PROVIDED: Unable to beddown and properly maditing in a loss of training opportunities for Also unable to construct and utilize the requit to reach full operational capability resulting rating for the mission beddown.  All known options were considered during the No other option could meet the mission require economic analysis was needed or performed.	intain the B-1 over 1,400 red facilities g in a development of

. COMPON	NT	1997 MILITARY CONSTRUCTION PROJEC	T DATA	2. DATE
NG		(computer generated)		
	ATION AND			
OBINS AI	FORCE BAS	E GEORGIA		
4. PROJECT TITLE 5.			5. PR	OJECT NUMBER
-1 SITE	MPROVEMENT	S, ROADS AND UTILITIES	UH	HZ949508
2. SUPP	EMENTAL DA	TA:		
a. Est	mated Desi	gn Data:		
(1)				0 T TTT 00
	(a) Date	Design Started		95 FEB 23 70%
		ent Complete as of Jan 96		95 OCT 15
		35% Designed Design Complete		96 MAY 01
		Degreu compress		
(2)	Basis:	l l Desimitime Design		NO
	(a) Stand	lard or Definitive Design - e Design Was Most Recently Used -		N/A
(3)	Total Cos	st(c) = (a) + (b) or (d) + (e):		(\$000
		action of Plans and Specifications	3	102 52
	• •	ther Design Costs		154
	(c) Total (d) Contr			154
	(e) In-ho			
(4)	Construct	ion Start		97 JUN
<b>7</b> 1 •		tared with this project will be D	rovided fr	om.
o. Equip other app	nent associ ropriations	iated with this project will be $p$ :s: N/A	1011464 11	···
			Mr. Ste (301) 8	ve Rider

1. COMPONENT	FY 1997 GUARD AN MILITARY CONST			2. DATE	
3. INSTALLATIO	ON AND LOCATION RCE BASE, HAWAII			4. AREA CONS COST INDE 1.64	1
Twelve monthly	AND TYPE OF UTILIZATION y assemblies per year, 15 se by technician/AGR forc	days annual e for trainin	field trai	ning per	
2 Army Instal Guard Unit, 2	VE/GUARD/RESERVE INSTALLA lations, 1 Army Facility, Naval Installations, 1 M d Installations	1 Air Force	Base, 1 Ai	r National	
7. PROJECTS R CATEGORY CODE	EQUESTED IN THIS PROGRAM: PROJECT TITLE	FY 1997 SCOPE	COST (\$000)	DESIGN STATU	— I
217-712 ALTE	R AVIONICS SHOP	465	SM 1,000	OCT 94 MAY	96
			A		
	RVE FORCES FACILITIES BOA ral Construction Approved		ATION	<u>21 SEP 94</u> (Date)	
9. LAND ACQUI	SITION REQUIRED	None	<u>(</u> N	umber of Acre	es)
CATEGORY	PLANNED IN NEXT FOUR YEAR		COST		
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>(\$000)</u>		
	R SQUADRON OPERATIONS ILITY	45,600	SF 9,000		
1	CIVIL ENGINEER NTENANCE COMPLEX	19,700	SF 4,100		

. COMPONENT	l .	FY 1997	GUARD AND	RESERVE		2. DA	TE
ANG		MILIT	ARY CONSTR	UCTION			
. INSTALLATI	ON AND	LOCATION					
ICKAM AIR FO							
1. PERSONNEL	STRENG	TH AS OF	18 AUG 95				
		מיזמ	MANENT		(	GUARD/RES	ERVE
	TOTAL		ENLISTED	CIVILIAN		OFFICER	
AUTHORIZED	101AL 866	<u>011105k</u> 21	128	717	2,611		
ACTUAL	778	21	125	632	2,323		2,070
MOTORE	,,,						
2. RESERVE U	NIT DAT	A					
					RENGTH		
	UNIT DE	SIGNATION	<u>I</u>	<u>AUTHORIZEI</u>	2	ACTUAL	
				0.1		20	
	HQ	HI ANG		31 14		28 13	
	199			14 150		136	
	154	GP AGS		303		269	
	154 154			31		38	
		LS		120		114	
		LSF		50		36	
		MXS		401		343	
	154			10		8	
	154	ACWS		74		51	
	154			121		105	
	154	OSF		39 204		34 179	
	169	ACWS		204 41		37	
	199 203	FS ARS		65		64	
	203	AS		46		49	
	154	SPTG		5		6	
	154	CF		35		34	
	154	CES		110		97	
	154	MSF		36		32	
	154	SPS		41		43	
	154	SVF		34		35	
	201			57		48 147	
	291	CBCS	TOTALS	$\frac{161}{2,179}$		1,946	
			TOTALS	2,179		1,740	
3. MAJOR EQU	JIPMENT	AND AIRC	RAFT				
				AttmitAnten	n	A C C T CMTP D	
-	CYPE			AUTHORIZE	<u>π</u>	<u>ASSIGNED</u>	
n 160 ATDOD11	p.m			15		20	
F-15C AIRCRAI C-130H AIRCRA				4		4	
KC-135R AIRCE				8		9	
Support Equi				361		361	
Vehicle Equi				478		478	

1. COMPONENT 2. I	DATE
FY 1997 MILITARY CONSTRUCTION PROJECT DATA	
ANG (computer generated)	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE	
HICKAM AIR FORCE BASE HAWAII ALTER AVIONICS SHOP	
5. PROGRAM ELEMENT   6. CATEGORY CODE   7. PROJECT NUMBER   8. PROJECT CO	OST(\$000)
	_
	1,000
9. COST ESTIMATES	
UNIT	COST
ITEM U/M QUANTITY COST	(\$000)
ALTER AVIONICS SHOP  SM 465 1,830	851
SUPPORTING FACILITIES	65
UTILITIES	$(_{65})$
SUBTOTAL	916
CONTINGENCY (5%) TOTAL CONTRACT COST	46
;	962
SUPERVISION, INSPECTION AND OVERHEAD (5%)	48
TOTAL REQUEST (ROUNDED)	1,010
TOTAL REQUEST (ROUNDED)	1,000

10. Description of Proposed Construction: Concrete block two story building inside existing hangar with mechanical, electrical, fire detection system, and utilities.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 948 SM ADEQUATE: 483 SM SUBSTANDARD: 232 SM PROJECT: Alter Avionics Shop (New Mission).

REQUIREMENT: The base requires a sufficiently sized, temperature controlled avionics and electronic countermeasures (ECM) shop to perform inspection, repair, maintenance, and calibration of electronic equipment on the ANG C-130 and KC-135 aircraft. This project will provide the necessary shop space in Hangar 17, Building 2030. Functional areas include ECM shop, administrative offices, and training rooms.

CURRENT SITUATION: The host has permitted the ANG only temporary use of the space (232 SM) in the central core office area of Building 2030 until ANG constructs an avionics/ECM shop. This shop is too small and does not have proper electrical and mechanical systems to provide an acceptable facility for avionics and ECM equipment maintenance. Maintenance of avionics and ECM equipment requires a clean, dust free environment with controlled temperature and humidity for acceptable and certifiable service.

IMPACT IF NOT PROVIDED: Degraded training. Costly repairs and utility services to existing building. High risk of not meeting Air Force technical standards for calibration of sensitive electronic equipment that provides guidance and control to high value aircraft. Loss of space due to other host missions planned for the existing area.

. INSTAL	(computer generated)	
	LATION AND LOCATION	
	R FORCE BASE HAWAII	
. PROJEC	TITLE	5. PROJECT NUMBER
LTER AVI	ONICS SHOP	KNMD949763
• •	THE PARTY DATE.	
2. SUPP	LEMENTAL DATA:	
a. Est	imated Design Data:	
(1)	Status:	
	(a) Date Design Started	94 OCT 26 70%
	<ul><li>(b) Percent Complete as of Jan 96</li><li>(c) Date 35% Designed</li></ul>	95 JUL 18
	(d) Date Design Complete	96 MAY 15
(2)	Basis:	
(2)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
, ,	(a) Production of Plans and Specifications	50
	(b) All Other Design Costs	22
	(c) Total	72 72
	(d) Contract (e) In-house	72
(4)	Construction Start	97 MAY
. Equip	ment associated with this project will be provid	ded from
	ropriations: N/A	
cher app		
cher app		
cuer app		
cher app		
cuer app		
cuei app		
cuei app		
cuei app		
cuei app		
cuei abb		
cuei app		

1. COMPONENT FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO	4. AREA CONSTR COST INDEX 1.19
5. FREQUENCY AND TYPE OF UTILIZATION Twelve monthly assemblies per year, 15 days annual field tryear, daily use by technician/AGR force and for training.	aining per
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE 1 Army National Guard Facility, 1 Army Reserve Facility, 1 Signal Detachment, 1 Army Research Institute and 1 Navy/Mar Reserve	U. S. Army
7. PROJECTS REQUESTED IN THIS PROGRAM: FY 1997	DECTON CTATIC
CATEGORY COST CODE PROJECT TITLE SCOPE (\$000	
211-179 FUEL SYSTEMS MAINTENANCE AND 2,350 SM 4,50 CORROSION CONTROL FACILITY	O APR 94 NOV 95
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Unilateral Construction Approved	17 MAY 95 (Date)
9. LAND ACQUISITION REQUIRED None	(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS	
CATEGORY COST CODE PROJECT TITLE SCOPE (\$000	1
116-661 EXPAND ARM AND DISARM APRON 8,000 SY 1,00	0
141-753 C-130 COMPOSITE SQUADRON 26,200 SF 3,90 OPERATIONS FACILITY	0
171-873 C-130 AERIAL PORT TRAINING 14,200 SF 2,00 FACILITY	0
211-111 C-130 COMPOSITE HANGAR AND 73,700 SF 12,00 MAINTENANCE SHOPS	0
211-157 C-130 ENGINE AND PROPELLER 9,000 SF 1,30 SHOPS	0
211-179 UPGRADE A-10 FUEL CELL AND 30,400 SF 1,30 CORROSION CONTROL HANGAR/SHOPS	0
216-642 UPGRADE AND EXPAND MUNITIONS 6,100 SF 1,30	_

#### FY 1997 GUARD AND RESERVE 2. DATE 1. COMPONENT MILITARY CONSTRUCTION ANG

3. INSTALLATION AND LOCATION BOISE AIR TERMINAL (GOWEN FIELD) IDAHO

## 11. PERSONNEL STRENGTH AS OF 14 AUG 95

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	657	73	497	87	1,274	155	1,119
ACTUAL	585	65	447	73	1,168	150	1,018

#### 12. RESERVE UNIT DATA

			STREI	NGTH
UNIT_DE	SIGNATION		AUTHORIZED	ACTUAL
HQ	STATE		29	27
124	SVF		30	22
124	OPS GP		5	5
124	LOG GP		19	18
124	SPT GP		5	4
124	OSF		38	38
124	MSF		34	30
124	MNT SQ		259	242
124	FLT GP		54	43
124	MED SQ		53	50
190	FLT SQ		46	47
124	CES		137	127
124	SPS		57	55
124	LOG SQ		111	103
189	FT FLT		181	144
124	COM FL		47	45
8124	ST FLT		7	24
124	ACFTSQ		146	131
124	LGSPSQ		<u> 16</u>	13
		TOTALS	1,274	1,168

#### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>
F-4G	27	27
C-26 Aircraft	1	1
A-10	17	0
C-130	4	0
Support Equipment	238	227
Vehicle Equivalents	289	337

1. COMPONENT						2.	DATE
	F	Y 1997 MILITARY CO	ONSTRUC:	CION PRO	OJECT DATA	A	
ANG		(compute	er gener	rated)			
3. INSTALLAT	ON ANI	DLOCATION		4. PRO.	JECT TITLE	3	
				FUEL S	YSTEMS MA	INTENANO	E AND
BOISE AIR TEN	RMINAL	(GOWEN FIELD) IDA	OHA	CORROS	ION CONTRO	OL FACII	JITY
5. PROGRAM EI	LEMENT	6. CATEGORY CODE	7. PRO	JECT NUI	MBER 8. 1	PROJECT	COST(\$000)
		•			ł		
54332F		211-179	BXRI	<u>1959688</u>			\$4,500
-		9. COST	r estim	ATES			
						UNIT	COST
		ITEM		U/M	QUANTITY	COST	(\$000)
FUEL SYSTEMS	CORRO!	SION CONTROL FACII	LITY	SM	2,350		3,360
		NTENANCE DOCK		SM	1,900		
1		NTENANCE SHOP		SM	160	1,350	) ( 216)
CORROSION				SM	140	1,340	) ( 188)
PLASTIC MEI	DIA STI	RIPPING AREA		SM	150	1,340	) ( 201)
SUPPORTING FA	ACILIT:	IES					700
UTILITIES				LS			( 150)
PAVEMENTS				LS			( 200)
SITE IMPROV		3		LS			( 50)
FIRE PROTEC	CTION			LS			(300)
SUBTOTAL							4,060
CONTINGENCY (							203
TOTAL CONTRAC							4,263
SUPERVISION,	INSPE	CTION AND OVERHEAD	(5%)	1	1		213

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support.

Air Conditioning: 10 Tons.

TOTAL REQUEST (ROUNDED)

TOTAL REQUEST

11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1,354 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).

<u>REQUIREMENT</u>: This project supports the conversion from 30 F-4G to 17 A-10 and 4 C-130 aircraft. The base needs a facility for the repair of the aircraft fuel cells and bladders and space for the performance of corrosion control, washing, and spot painting of parts. Functional areas include fuel cell hangar bay, bladder repair and support shops with approach aprons to the hangar. Work must be performed indoors to keep dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.

CURRENT SITUATION: The F-4G fuel cell and corrosion control facilities cannot be used by the much larger A-10 and C-130 aircraft. The unit does not have any other facility to house these functions. Weather conditions and environmental regulations require that fuel cell maintenance be performed indoors since the aircraft fuel bladders and cells must remain open. This is in accordance with the Technical Order. Until this project is completed, the work will be done on the ramp or the aircraft flown to another base.

<u>IMPACT IF NOT PROVIDED</u>: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation

4,476

4,500

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ANG	(computer generated)	
	ON AND LOCATION	
BOISE AIR TEN	RMINAL (GOWEN FIELD) IDAHO	PROJECT NUMBER
4. PROJECT T	ITLE 5.	PROJECT NOTIDER
FUEL SYSTEMS	MAINTENANCE AND CORROSION CONTROL FACILITY	BXRH959688
environmental reach full of ADDITIONAL: this project	Orders. Lost training opportunities. Compliant regulations cannot be met without this facility perational capability.  All known options were considered during the det.  No other option could meet the mission required economic analysis was needed or performed.	velopment of

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DAT	2. DATE
ANG	(computer generated)	
B. INSTALLAT	TON AND LOCATION	
BOISE AIR TE	RMINAL (GOWEN FIELD) IDAHO	
. PROJECT I	CITLE	5. PROJECT NUMBER
UEL SYSTEMS	MAINTENANCE AND CORROSION CONTROL FACILITY	BXRH959688
2. SUPPLEM	MENTAL DATA:	
a. Estima	ated Design Data:	
• •	Status:	
	a) Date Design Started	94 APR 29 100%
( t	Percent Complete as of Jan 96 Date 35% Designed	95 MAR 01
	Date Design Complete	95 NOV 01
(2) I	Basis:	
(8	a) Standard or Definitive Design -	МО
(1	o) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000
(	a) Production of Plans and Specifications	200
-	b) All Other Design Costs	85 285
	c) Total d) Contract	285
•	e) In-house	
(4)	Construction Start	97 AUG
	nt associated with this project will be provide	ed from
ther approp	priations: N/A	
	Mr. Joh (301) 8:	n Loehle
	(301) 8.	30 <b>-</b> 80/6

1. COMPONENT	FY 1997 GUARD AN			2. DATE	3
ANG	MILITARY CONST	RUCTION		A ADEA	CONST
	ON AND LOCATION A REGIONAL AIRPORT ANG IL	T TRIOT C		i	I CONSTR
GREATER PEORI	A REGIONAL AIRPORT ANG IL	TIMOIP		1	14
5. FREOUENCY	AND TYPE OF UTILIZATION		<del></del> -		
	y assemblies per year, 15 technician/AGR force.	days annual tr	aining p	er year,	•
l Army Nation	VE/GUARD/RESERVE INSTALLA al Guard Armory, 1 Naval Center and 1 Coast Guard	Reserve, 1 Mari			e, 1
7. PROJECTS R	EQUESTED IN THIS PROGRAM:	FY 1997			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	SYSTEMS MAINTENANCE AND ROSION CONTROL FACILITY	2,350 SM	4,200	APR 94	MAR 96
• •	RVE FORCES FACILITIES BOA ral Construction Approved		ON	15 MAF	
Unilate	RVE FORCES FACILITIES BOA		.,	(Dat	:e)
Unilate 9. LAND ACQUI	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED	None	.,		:e)
Unilate  9. LAND ACQUI  10. PROJECTS	RVE FORCES FACILITIES BOA ral Construction Approved	None	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED	None	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate 9. LAND ACQUI 10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate 9. LAND ACQUI 10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)
Unilate  9. LAND ACQUI  10. PROJECTS CATEGORY	RVE FORCES FACILITIES BOA ral Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEAR	None S	(N	(Dat	:e)

#### 1. COMPONENT FY 1997 GUARD AND RESERVE 2. DATE ANG MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION

GREATER PEORIA REGIONAL AIRPORT ANG ILLINOIS

## 11. PERSONNEL STRENGTH AS OF 30 JUN 95

	PERMANENT			GUARD/RESERVE				
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	
AUTHORIZED	279	11	53	215	1,133	160	973	
ACTUAL	263	10	52	201	1,081	125	956	

#### 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	<u>SIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>
182	AS		95	78
182	CES		134	120
182	ASOC		117	105
182	MXS		138	142
182	CF		42	39
182	MSF		33	33
182	LS		110	101
182	HQ AG		52	51
182	MDS		67	63
182	SPS		57	52
182	SVS FT		30	28
169	ACFP		79	61
182	OG		6	4
182	SG		5	4
182	LG		9	8
182	OSF		19	21
8182	STU FT		0	52
182	LSF		13	15
182	AGS		62	60
182	APF		<u>65</u>	44
		TOTALS	1,133	1,081

## 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>
C-26A Aircraft	1	1
C-130 Aircraft	8	8
Support Equipment	70	65
Vehicle Equivalents	555	773

1. COMPONENT			2. DATE
	FY 1997 MILITARY CONSTRUC		
ANG	(computer gene	rated)	
3. INSTALLATI	ON AND LOCATION A REGIONAL AIRPORT ANG	4. PROJECT TITLE FUEL SYSTEMS MAINTED CORROSION CONTROL F	
5. PROGRAM EI	LEMENT 6. CATEGORY CODE 7. PRO	DJECT NUMBER 8. PROJ	ECT COST(\$000)

54332F 211-179 JLQN939873 \$4,200 9. COST ESTIMATES

9. COST ESTIMATE	J			
			UNIT	COST
ITEM	U/M	QUANTITY	COST	(\$000)
FUEL SYSTEMS/CORROSION CONTROL FACILITY	SM	2,350		3,325
FUEL SYSTEMS MAINTENANCE HANGAR	SM	1,900	1,430	( 2,717)
FUEL SYSTEMS MAINTENANCE SHOP	SM	160	1,350	( 216)
CORROSION CONTROL SHOP	SM	140	1,350	
PLASTIC MEDIA STRIPPING AREA	SM	150	1,350	
SUPPORTING FACILITIES				490
UTILITIES	LS			( 100)
PAVEMENTS	LS	]		( 200)
SITE IMPROVEMENTS	LS			( 25)
FIRE PROTECTION	LS			$(\underline{165})$
SUBTOTAL				3,815
CONTINGENCY (5%)				<u> 191</u>
TOTAL CONTRACT COST				4,006
SUPERVISION, INSPECTION AND OVERHEAD (5%)		]		200
TOTAL REQUEST				4,206
TOTAL REQUEST (ROUNDED)				4,200
	l			

10. Description of Proposed Construction: Concrete floor slab, foundations, footings, structural steel framing, masonry walls and built-up roof. Mechanical ventilation system, drainage with oil/water separator, fire suppression, personnel breathing apparatus and all utilities and support.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 2,350 SM ADEQUATE: 0 SUBSTANDARD: 1,580 SM PROJECT: Fuel Systems Maintenance and Corrosion Control Facility (New Mission).

<u>REQUIREMENT</u>: This project supports the conversion from 18 F-16 fighter aircraft to 8 C-130 cargo aircraft. The base needs a facility for the repair of aircraft fuel cells and bladders, and the performance of corrosion control, washing, and spot painting of parts. Functional areas include a fuel system maintenance dock, bladder repair and support shops, and approach aprons to the hangar. Work must be performed indoors to prevent dust and debris from entering the fuel cell bladders and to meet safety and environmental requirements.

CURRENT SITUATION: The existing fighter-type fuel systems maintenance/corrosion control facility cannot be used by the much larger C-130 aircraft. The two bay facility has a load bearing wall between the bays which cannot be removed and prevents the C-130 from fitting into the fuel system maintenance dock. Also, space limitations preclude an extension to the front since it would not leave enough room for C-130 wing clearance between the maintenance hangar and the fuel system maintenance facility. The unit does not have any other facility to perform fuel system maintenance on C-130 aircraft. Weather conditions and environmental regulations require that fuel cell maintenance and corrosion

1. COMPONENT		2. DATE
	FY 1997 MILITARY CONSTRUCTION PROJECT DA	ATA
ANG	(computer generated)	
3. INSTALLAT	ON AND LOCATION	•
GREATER PEOR	A REGIONAL AIRPORT ANG ILLINOIS	
4. PROJECT T	TLE	5. PROJECT NUMBER
		1
FUEL SYSTEMS	MAINTENANCE AND CORROSION CONTROL FACILITY	JLQN939873

control be performed indoors since the aircraft fuel bladders and cells must remain open for a considerable time. The existing fighter-type fuel system maintenance facility will be reused at minimal cost for aerial port training.

IMPACT IF NOT PROVIDED: Fuel system maintenance and corrosion control will have to be performed on the ramp in an unsafe manner and in violation of Technical Orders. Lost training opportunities. Compliance with environmental regulations cannot be met without this facility. Unable to reach full operational capability.

ADDITIONAL: All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

. COMPONE	NT FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	
	ATION AND LOCATION	
. 11011101		
REATER PE	ORIA REGIONAL AIRPORT ANG ILLINOIS	
. PROJECT		5. PROJECT NUMBER
UEL SYSTE	MS MAINTENANCE AND CORROSION CONTROL FACILITY	JLQN939873
	THE THE PARTY OF T	
2. SUPPI	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	
(-)	(a) Date Design Started	94 APR 29
	(b) Percent Complete as of Jan 96	70%
	(c) Date 35% Designed	95 SEP 30
	(d) Date Design Complete	96 MAR 31
(2)	Basis:	
(2)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
		(#000
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000 200
	(a) Production of Plans and Specifications	85
	<ul><li>(b) All Other Design Costs</li><li>(c) Total</li></ul>	285
	(d) Contract	285
	(e) In-house	
(4)	Construction Start	97 AUG
	ent associated with this project will be provided opriations: N/A	d from
tner app	opriations: N/A	
	Mr. lee	Anderson

1. COMPONENT FY 1997 GUARD AND				2. DA	TE	141	
ANG MILITARY CONSTRU  3. INSTALLATION AND LOCATION FORT WAYNE INTERNATIONAL AIRPORT, INDIAN				co	ST	CONST	2
5. FREQUENCY AND TYPE OF UTILIZATION Two Unit Training Assemblies per month, year, daily use by technician/AGR force			field		1.0 ng		1
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATI 1 Army National Guard Armory, 1 Army Res Facility					erv	re	
7. DDO LEGER DEOVERSED IN MUTS DOODAN.	PV 1007	<del></del>					$\frac{1}{4}$
7. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY  CODE PROJECT TITLE	SCOPE		COST (\$000)	DESIG STAR		TATUS CMPL	
871-183 UPGRADE DRAINAGE SYSTEM		LS	480	JAN 9	4	MAR 9	,
8. STATE RESERVE FORCES FACILITIES BOARD Unilateral Construction Approved	RECOMMEN	DATIC	ON	24 A	UG ate		
9. LAND ACQUISITION REQUIRED	None		<u> </u>	lumber	o f	Acres	-
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY	a do DE		COST	umber	<u>VI</u>	ACTES	
CODE PROJECT TITLE  442-758 BASE SUPPLY COMPLEX  722-351 DINING HALL AND MEDICAL  TRAINING FACILITY	SCOPE 31,000 34,800						

1. COMPONENT	1	FY 1997	GUARD AND	RESERVE		2. DA	TE
ANG		MILIT	ARY CONSTR	UCTION			
3. INSTALLATION	ON AND	LOCATION					
FORT WAYNE IN			ORT. TNDIA	NA			
LOUT MYTHE IN	TDMMTT	OIMIN IIIMI	01.1, 11.51.				
11 DDDGGNNUI	CONTRAC	TIL AC OF	10 AUC 05				
11. PERSONNEL	PIKEMG	IN AS OF	TO MUG 93				
						arrado (dec	מזותם
		PER	MANENT			<u>GUARD/RES</u>	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	360	24	290	46	1,086	106	980
ACTUAL	352	23	285	44	1,046	104	942
WOIDWD	332	23	203	77	-,0.0	+•.	

12.	RESERVE UNIT DATA	
		STRENGTH
	UNIT DESIGN	ATION AUTHORIZED ACTUAL
	122 HQ 1	FW 53 51
	122 SPT	
	122 MSF	34 32
	122 SPS	57 65
	122 CES	134 115
	122 SVF	30 28
	122 CF	40 39
	122 MED	so 57 53
	122 LG (	
	122 MA	
	122 AGS	175 168
	122 LSF	32 29
	122 LG	
	122 OPS	-
	163 FS	38 41
	122 OSF	23 23
	235 ATC	
	8122 STU	
	<b>5.0.0</b> - 1.0	TOTALS 1,086 1,046

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	<u>ASSIGNED</u>	
F-16 C/D Aircraft	12	20	
C-26 Aircraft	1	1	
Support Equipment	170	134	
Vehicle Equivalents	333	301	

1. COMPONENT	W 1007 WILTENDY 6	· · · · · · · · · · · · · · · · · · ·	ON DD				2. DAT	E
ANG	Y 1997 MILITARY CO	ONSTRUCTI er genera		JJECT	DATA	,		
3. INSTALLATION AN		·····	. PRO	JECT :	TITLI	E		
FORT WAYNE INTERNA	TIONAL AIRPORT IN	DIANA U	PGRADI					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJE	CT NUI	MBER	8. 1	ROJEC	r cosī	(\$000)
55256F	871-183	ATQZ9	49537				\$4	80
	9, COS	ESTIMAT	EŞ					
	ITEM		77 /24	OTT 4 37	n T M37	UNIT	1	OST
UPGRADE DRAINAGE S			LS	QUAN	LIIX	COST	(3	340
SUPPORTING FACILIT			155					95
PAVEMENTS	<del></del>		LS					( 75)
SITE IMPROVEMENT	S		LS					(_20)
SUBTOTAL								435
CONTINGENCY (5%)								22
TOTAL CONTRACT COS								457
SUPERVISION, INSPE	CTION AND OVERHEAD	(5%)						23
TOTAL REQUEST			-					480
TOTAL REQUEST (ROU	NDED)							480
• • •								
	f Proposed Constru							
and storm water re water piping syste	m Pechane and re	resizing	storm	n wate	er ir	ilets a	and st	orm
ditches. Tie into	existing retention	m area a	nd inc	1111111	Stor	m wat	er er/oil	
	de and reshape roa							
and undersized cat							101400	<b>u</b>
11. REQUIREMENT:								
PROJECT: Upgrade								
REQUIREMENT: This	is a level II env	ironment	al con	npliar	ice p	roject	as	
mandated by the Cl	ean water Act and	required	by 40	) CFR	125,	Crite		nd
Standards for Natiadequately sized,	onal Pollucion Dis	charge E.	limina nyinar	tion	Syst	em. A	An	
water drainage and	collection system	is real	ired t	o red	ITTA	the co	dimen	rm +
and glycol loading								
pond will provide								
reduce the biologic	cal oxygen demand	(BOD) of	the g	ylcol	s.			
CURRENT SITUATION:	The majority of	the east	side	of th	e ba	se has	no	
structured drainage							wate:	r
systems are unders:	zed. Parking lot	s and roa	adways	prov	ide	large		
impervious areas whoperations allow ru	noff of alveol-co	n Storm v ntaminat	water.	or to	rent	aeici	ng the	
	sized system does							
sediments or a redu			Juit	_ ~ . ~		CLILLE	, 01	
IMPACT IF NOT PROVE			1116 to	disc	harg	e high	lv tu	rhid
	<del></del> ,,,,	COIICII	iuc co					וטוע
and high BOD water	to the water stre	am and ac	dverse	ly im	pact	aquat	ic li	
	to the water stre as of federal and	am and ac state reg	iverse gulati	ly imons c	pact	aquat	ic li	

. COMPONE	NT FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NG	(computer generated)	
	ATION AND LOCATION	
ORT WAYNE	INTERNATIONAL AIRPORT INDIANA	
. PROJECT		. PROJECT NUMBER
DCDANE NE	AINAGE SYSTEM	ATQZ949537
2. SUPPI	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	04 747 05
	(a) Date Design Started	94 JAN 05 70%
	(b) Percent Complete as of Jan 96	95 JUN 01
	<ul><li>(c) Date 35% Designed</li><li>(d) Date Design Complete</li></ul>	96 MAR 01
(2)	Basis:	
(2)	(a) Standard or Definitive Design -	NO
	(b) Where Design Was Most Recently Used -	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000
(0)	(a) Production of Plans and Specifications	25
	(b) All Other Design Costs	17
	(c) Total	42 42
	(d) Contract	72
	(e) In-house	
(4)	Construction Start	97 JUI
o. Equip	ment associated with this project will be provide	d from
ther app	ropriations: N/A	
		Schnakenberg
		31 11110KENUETU

1. COMPONENT	FY 1997 GUARD AND			2. DATE	2
ANG	MILITARY CONSTR	RUCTION			
1	ON AND LOCATION				CONSTR
BARNES MUNICI	PAL AIRPORT ANG, MASSACHUS	SETTS		1	INDEX
· · · · · · · · · · · · · · · · · · ·				1.	.34
	AND TYPE OF UTILIZATION				
	ining Assemblies per month				ng per
	se by civil service techni				
	d Cooperative Service Agre	ement employ	ees, 24 ho	our cover	rage
by security an	nd fire fighter personnel				
C OMITTE AGENT	ID (CILLED (DDCDDVID TYCE)	TANA IITMITTI	15 1477 7 7 1	D.T.11.0	
1	/E/GUARD/RESERVE INSTALLAT				
	al Guard Armories, 1 Army		er, i Air	rorce Re	eserve
Base, I Navy	Reserve and 1 Marine Reser	ve			
7 DDO TROMO D	COLLECTED IN MUTA PROCESS	TW 1007			
	EQUESTED IN THIS PROGRAM:	FY 1997	GO GE	DDGTGN	OM A MITO
CATEGORY	770 77 60 mmm 7	6.6000	COST	DESIGN	
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>
001 116 11000	AND INDICATION DIAGRATURE	-		0.00	****
	ADE HEATING DISTRIBUTION	L	S 500	OCT 93	JUL 95
SYSI	EM				
8. STATE RESER	RVE FORCES FACILITIES BOAR	D RECOMMENDAT	TON		
	cal Construction Approved	KECOHIMIDA.		15 AUG	95
01111400.	ar comperaction approved			Dat	
9. LAND ACOUTS	SITION REQUIRED	None		\ Dat	
			<u>(N</u>	umber of	Acres
10. PROJECTS H	LANNED IN NEXT FOUR YEARS				
CATEGORY			COST		
CODE	PROJECT TITLE	SCOPE	(\$000)		
			140007		
442-758 BASE	SUPPLY COMPLEX	30,000 SI	F 4,500		
	IG HALL	11,300 SI			
	DE STORM DRAINAGE SVSTEM	11,500 51	•		

LS

LS

350

365

871-183 UPGRADE STORM DRAINAGE SYSTEM

880-232 BASEWIDE FIRE ALARM SYSTEM

1. COMPONENT ANG			GUARD AND ARY CONSTR			2. DA	TE
3. INSTALLATION BARNES MUNICIPAL		LOCATION		-			
11. PERSONNEL	STRENG	TH AS OF	31 JUL 96				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	<b>ENLISTED</b>	<u>CIVILIAN</u>	TOTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED	297	7	62	228	1,045	110	935
ACTUAL	297	9	62	226	999	104	895

12. RESERVE UNIT DATA	1			
			STRENGT	<u>H</u>
UNIT DES	GIGNATION	CUA	CHORIZED	<u>ACTUAL</u>
104	FG HQ		54	51
131	FS		41	38
104	MNT SQ		224	229
104	LOG SQ		116	115
104	MED SQ		68	64
104	CES		146	139
104	SVF		30	32
104	SPS		57	54
104	CMN FL		42	40
104	OPS GP		3	4
104	LOG GP		20	20
131	WEA FT		13	14
104	SPT GP		5	4
104	OSF		21	23
104	MSSQ		34	30
104	AGS		137	116
104	LGSPT	-	<u>34</u>	<u> 26</u>
	T	OTALS	1,045	999

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
A-10 Aircraft Support Equipment Vehicle Equivalents	17 83 252	20 74 252	

1. COMPONENT							-		12	DATE
1. COMPONENT	F	Y 1997 MILITARY C	ONSTRUCT	יחדי	I PR	олест	DATA		۷٠	DAIB
ANG	•		er genei		-	00001	~~~~	•		
3. INSTALLATION	N ANI					JECT :	CITLE	<del></del>		
BARNES MUNICIPA	AL A	IRPORT ANG		UPG	RADI	E HEAT	CING	DIST	RIB	UTION
MASSACHUSETTS				SYS	TEM					
5. PROGRAM ELEI	MENT	6. CATEGORY CODE	7. PROS	JECI	וטא :	MBER	8. P	ROJE	CT (	COST(\$000)
55256F		821-116	AXQI							\$500
		9. COS	T ESTIMA	TES	3					
								UNI	_	COST
	- DT	ITEM				QUAN	CITY	COST	<u> </u>	(\$000)
		STRIBUTION SYSTEM			LS					342
SUPPORTING FAC	LLIT.	LES			T C					112
UTILITIES SITE IMPROVE	ANTO NTOTO (	,			LS LS		İ			( 32)
ASBESTOS REM		0			LS					( 20)
SUBTOTAL	OVAL				гэ					( <u>60</u> ) 454
CONTINGENCY (5	<b>7</b> \									23
TOTAL CONTRACT	•	r								477
		CTION AND OVERHEAD	D (5%)			]				24
TOTAL REQUEST	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	orrow mad overment	D (3/6)				1			501
TOTAL REQUEST	(ROUI	NDED)				}	1			500
	<b>\</b>						1			
						•	ŀ			
							l			
						1	- 1			1

10. Description of Proposed Construction: Remove steam heat distribution system in Hangar 15 lean-to and in-floor radiant heat system. Replace heating system in hangar floors and lean-to with insulated hot water system. Remove asbestos insulation. Replace overhead distribution piping with underground distribution piping. Includes utilities and site work.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Distribution System (Current Mission).

REQUIREMENT: This is a level II environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards, and 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. The base requires a properly sized and efficient heating system which meetsapplicable clean air requirements.

CURRENT SITUATION: The base is in a serious non-attainment area for ozone and the heat plant does not meet current air quality emission standards. Alarge quantity of heat is lost in the distribution system. Partly steam and partly hot water, the system is inefficient and wastes energy. Pumps, controls, and monitoring systems are unreliable and parts are no longer readily available. Steam lines and valves are corroded beyond acceptable tolerances. Sections of piping need frequent replacement because of failure from corroded conditions.

IMPACT IF NOT PROVIDED: Unable to meet federal and state air emission standards which could result in notices of violation from environmental regulators leading to possible fines and penalties. Higher operating costs would continue and complete failure of the heating system could occur.

. COMPON	NT FY 19	97 MILITARY CONSTRUCTION PROJECT	T DATA	2. DATE
NG		(computer generated)		
. INSTAL	ATION AND LO	CATION		
ARNES MU	ICIPAL AIRPO!	RT ANG MASSACHUSETTS		
. PROJEC			5. P	ROJECT NUMBER
	AMENIC DICTOR	DIETON CVCTEM	Α .	XQD939759
PGRADE H	ATING DISIRI	BUTION SYSTEM	<del>_</del>	
2. SUPP	EMENTAL DATA	:		
a Est	mated Design	Data:		
(1)	Status:	sian Stantod		93 OCT 22
	(a) Date De	sign Started Complete as of Jan 96		100%
	(c) Date 35			94 NOV 10
	(d) Date De	sign Complete		95 JUL 01
(2)	Basis:			
<b>\-</b> /	(a) Standar	d or Definitive Design -		NO
	(b) Where D	esign Was Most Recently Used -	,	N/A
(3)	Total Cost	(c) = (a) + (b)  or  (d) + (e):		(\$000
	(a) Product	ion of Plans and Specifications	}	23
		ner Design Costs		13 36
	(c) Total			36
	<ul><li>(d) Contrac</li><li>(e) In-hous</li></ul>			
	•			97 JUN
(4)	Constructio	on Start		,, cc.
. Equip	nent associat	ted with this project will be pr	covided f	rom
other app	ropriations:	N/A		
			Lt Col Bo (301) 836	ob Lyon

1. COMPONE		AND DECEDIE		la DAME	,
ANG	NT FY 1997 GUARD A			2. DATE	
	ATION AND LOCATION	BIROGIION		4. AREA	CONSTR
	R FORCE BASE, MARYLAND			cos	INDEX
				1.	.03
5. FREQUEN	CY AND TYPE OF UTILIZATION				
Twelve mon	thly assemblies per year,	15 days annual	field tr	aining per	:
year, dail	y use by technician/AGR fo	rce and for tr	aining.		
6. OTHER A	CTIVE/GUARD/RESERVE INSTAL	LATIONS WITHIN	15 MILE	RADIUS	
	e Reserve, 1 Army Reserve,				
	d 1 Army National Guard				
7. PROJECT	S REQUESTED IN THIS PROGRA	M: FY 1997			
CATEGORY	o kndonomo mi min imagini		COST	DESIGN	STATUS
CODE	PROJECT TITLE	SCOPE	<u>(\$000</u>	) START	CMPL
			<del></del>		
422-256 N	MUNITIONS TRAILER MAINTENAN	CE 233	SM 50	00 DEC 88	JUL 91
	FACILITY				
O CTLATTE I	PECEDUR PODCEC FACILITIES P	OADD DECOMMENI	ATTON		
	RESERVE FORCES FACILITIES B		OATION	13 API	R 95
	RESERVE FORCES FACILITIES B ateral Construction Approv		OATION	13 API (Da	
Unil			)ATION		
Unil	ateral Construction Approv	None	NOITA		te)
Unil 9. LAND AC	ateral Construction Approv	None		(Number o	te)
Unil 9. LAND AC 10. PROJEC CATEGORY	ateral Construction Approv	None ARS	rzos	(Number o	te)
Unil 9. LAND AC	ateral Construction Approv	None		(Number o	te)
Unil 9. LAND AG 10. PROJEC CATEGORY CODE	ateral Construction Approv CQUISITION REQUIRED CTS PLANNED IN NEXT FOUR YE PROJECT TITLE	None ARS SCOPE	cos1	(Number o	te)
Unil 9. LAND AG 10. PROJEC CATEGORY CODE	ateral Construction Approv CQUISITION REQUIRED CTS PLANNED IN NEXT FOUR YE PROJECT TITLE ADD TO AND ALTER VEHICLE AN	None  ARS <u>SCOPE</u>	cos1	(Number o	te)
Unil 9. LAND AG 10. PROJEC CATEGORY CODE 214-425	ateral Construction Approv CQUISITION REQUIRED CTS PLANNED IN NEXT FOUR YE PROJECT TITLE	None  ARS  SCOPE 18,800	cos1	(Date of the control	te)

1. COMPONENT	FY 1997 GUARD AND RESERVE	2. DATE
ANG	MILITARY CONSTRUCTION	
3. INSTALLATIO	ON AND LOCATION	
ANDREWS AIR FO	DRCE BASE, MARYLAND	
11. PERSONNEL	STRENGTH AS OF 31 AUG 95	
	PERMANENT	GUARD/RESERVE
	TOTAL OFFICED ENTISTED CIVILIAN	TOTAL OFFICER ENLISTED

		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	520	38	145	337	1,488	170	1,318
ACTUAL	518	38	140	340	1,346	173	1,173

12. RESERVE UNIT DATA	A			
			STREN	
UNIT DES	SIGNATION		AUTHORIZED	ACTUAL
110	TOT 2		5.6	51
113	FW		56	
113	OPS GP		3	3
113	FT SQ		39	38
113	OP FT		22	20
113	LOG		20	17
113	MTN SQ		201	183
113	LOG		107	102
113	SPT GP		5	5
113	MSN FT		34	33
113	CES		110	106
113	POLICE		57	53
113	COMM		35	36
113	SVS		40	40
113	MED		53	54
113	ACFT		175	141
113	LOG		32	25
113	HQ DC		44	38
201	ALS		205	195
121	WEA		22	18
231	CCMBT		228	<u> 188</u>
		TOTALS	1,488	1,346

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	<u>AUTHORIZED</u>	ASSIGNED	
F-16 Aircraft	12	15	
C-21 Aircraft	4	4	
C-22 Aircraft	5	3	
Support Equipment	189	183	
Vehicle Equivalents	427	451	

1. COMPONENT		The state of the s				1.	
						2. DATE	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA ANG (computer generated)							
ANG	<del></del>						
3. INSTALLATI	3. INSTALLATION AND LOCATION 4						
MUNITIONS TRAILER MA ANDREWS AIR FORCE BASE MARYLAND FACILITY							NTENANCE
				FACILI'		DD0 77.00	n coam(+000)
J. PRUGRAM EL	FMENT	6. CATEGORY CODE	/. PROJ	ECT NU	MREK 8.	PROJECT	r cosr(\$000)
55296F		422-256	A TVE	000836			\$500
332901			ESTIMA'		D		\$300
			LAUTTIM.	1 1 1	I	UNIT	COST
		ITEM		U/M	QUANTIT		(\$000)
MUNITIONS TRA	ILER N	MAINTENANCE FACIL	TY	SM	233		298
EQUIPMENT M	AINTE	NANCE AND STORAGE	AREA	SM	93	1,30	1
MUNITIONS M	AINTE	NANCE AREA		SM	47	1 -	1 '
PAINT SPRAY	BOOTH	I AREA		SM	93	1 .	1 '
SUPPORTING FA	CILITI	ES		i			150
UTILITIES				LS			( 55)
PAVEMENTS				LS		1	( 75)
SITE IMPROV	EMENTS	;		LS			(_20)
SUBTOTAL							448
CONTINGENCY (	5%)						22
TOTAL CONTRACT COST							470
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)							31
TOTAL REQUEST							501
TOTAL REQUEST	(ROUI	IDED)					500
						1	

10. Description of Proposed Construction: Reinforced concrete slab and foundation, steel framed structure, membrane roof, and asphaltic concrete vehicle parking area. Provide all utilities, pavements and site improvements.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 233 SM ADEQUATE: 93 SM SUBSTANDARD: PROJECT: Munitions Trailer Maintenance Facility (Current Mission). REQUIREMENT: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires adequate space for munitions trailer maintenance, munitions trailers and AGE equipment storage. Additional space is required for administration and support space. CURRENT SITUATION: The carts and trailers that carry the F-16 munitions items from the storage igloos to the aircraft parking ramp are stored and maintained outdoors. This is done within the fenced and secure area of the munitions storage compound which is located in a remote part of the base. While there are many other tenants on Andrews AFB, ANG is the only organization that stores and maintains munitions for the fighter aircraft. The work must be done within the fenced and secure area to effectively train the troops. There are no other facilities or space within the secure area. There is inadequate space for storage and corrosion control of support equipment, trailers and tanks. The work outside is controlled by the weather. The outside storage accelerates the deterioration and prevents the full use of the equipment for training purposes during the coldest months. Equipment deterioration and malfunction result in unsafe and dangerous working condition. This is unsafe, wastes money and has potential environmental problems.

	1. COMPONENT		• 1	2. DATE
		FY 1997 MILITARY CONSTRUCTION PRO	DJECT DATA	
	ANG	(computer generated)		
_	3. INSTALLATION	ON AND LOCATION		
	ANDREWS AIR F	ORCE BASE MARYLAND		
	4. PROJECT TI		5. PRO	JECT NUMBER
	MUNITIONS TRA	ILER MAINTENANCE FACILITY	AJX	F000836B
_			•	

the open. Painting of equipment is done in violation of fire, safety and environmental air emission regulations. Inefficient operations and loss of training manhours continue. Potential dangerous and unsafe working conditions.

1		
1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DA	TA 2. DATE
ANG	(computer generated) ON AND LOCATION	
J. INSTABLATIO	on and Location	
ANDREWS AIR FO	DRCE BASE MARYLAND	
4. PROJECT TI	PLE	5. PROJECT NUMBER
MINITETONS TOAT	LLER_MAINTENANCE FACILITY	A TVEODOS A D
MONITIONS IKA.	ILER MAINIENANCE FACILIII	AJXF000836B
12. SUPPLEMEN	NTAL DATA:	
a. Estimate	ed Design Data:	
(1) Sta	atus:	
	Date Design Started	88 DEC 12
(b)	Percent Complete as of Jan 96	100%
	Date 35% Designed	90 JUN 04
(d)	Date Design Complete	91 JUL 30
(2) Bas	eje•	
	Standard or Definitive Design -	NO
	Where Design Was Most Recently Used -	N/A
	cal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	18
	All Other Design Costs Total	16 34
	Contract	34
	In-house	54
(4) Cor	nstruction Start	97 JUL
		,, ,,_
b. Equipment	associated with this project will be provid	ed from
other appropri	ations: N/A	
	Mr. 9	Steve Rosner
	(301)	836-8186
		1

1. COMPONE	ENT	FY 1997 GUARD AND				2. DATE	:
ANG	A TO N	MILITARY CONSTR	OCTION			/ ADE/	CONSTR
		SE, MICHIGAN					INDEX
PETLKINGE	ANG DA	SE, PHONIGAN				1	21
5 FREQUEN	VCY AND	TYPE OF UTILIZATION					
		ssemblies per year, 15	days annua	l fi	eld trai	ning per	•
year, dail	Ly use 1	by technician/AGR force	and for t	rain	ing.		
,,	<b>-</b>				J		
					**** D. D.	DIVIO	
		GUARD/RESERVE INSTALLAT					
5 Army Res	serve Co	enters, 2 Army National	Guard Arm	orıe	s and 1	Naval A	mory
	rs requi	ESTED IN THIS PROGRAM:	FY 1997		<b>3035</b>	pparau	0 m + m + 7
CATEGORY		DDO TDOM MIMI D	CCODE		COST	DESIGN	
<u>CODE</u>		PROJECT TITLE	<u>SCOPE</u>		<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>
001 116 1	מת א מיטמז	HEATING SYSTEMS		LS	3 000	APR 93	FFR Q
321 <b>-</b> 116 t	JPGRADE	HEALING SISIEMS		цо	3,000	ALK 95	IDD )(
		FORCES FACILITIES BOAR	D RECOMMEN	DATI	ON		
		FORCES FACILITIES BOAR Construction Approved	D RECOMMEN	DATI	ON	23 FEE	
Unil	lateral		D RECOMMEN	DATI		(Dat	e)
Unil	lateral CQUISIT	Construction Approved	None	DATI		-	e)
Unil 9. LAND AC	lateral CQUISIT	Construction Approved	None	DATI	(N	(Dat	e)
Unil 9. LAND AC 10. PROJECTATEGORY	lateral CQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEARS	None	DATI	(N	(Dat	e)
Unil O. LAND AC	lateral CQUISIT	Construction Approved	None	DATI	(N	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE	lateral CQUISIT	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEARS PROJECT TITLE	None		COST (\$000)	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672	CQUISIT: CTS PLAN	Construction Approved ON REQUIRED NNED IN NEXT FOUR YEARS PROJECT TITLE T DE ICING APRON	None	LS	COST (\$000)	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C	COUISIT: CTS PLAN AIRCRAFT	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER	None <u>SCOPE</u>	LS LS	COST (\$000) 400 2,900	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 B	COUISIT: CTS PLAN AIRCRAFT CONTROL BASE CIV	Construction Approved ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE T DE ICING APRON TOWER VIL ENGINEERING	None	LS LS	COST (\$000)	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 F	CTS PLAN AIRCRAFT CONTROL BASE CIV	Construction Approved ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY	None <u>SCOPE</u> 18,100	LS LS SF	COST (\$000) 400 2,900 2,700	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 F	CTS PLAN AIRCRAFT CONTROL BASE CIV MAINTEI FIRE STA	Construction Approved ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE T DE ICING APRON TOWER VIL ENGINEERING WANCE FACILITY	None <u>SCOPE</u>	LS LS SF	COST (\$000) 400 2,900 2,700 5,000	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 F	CTS PLAN AIRCRAFT CONTROL BASE CIV MAINTEI FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT	None <u>SCOPE</u> 18,100	LS LS SF	COST (\$000) 400 2,900 2,700	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 E 730-142 E	CTS PLANAIRCRAFT CONTROL BASE CIV MAINTEN FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT VIL SANITARY AND DRAINAGE	None <u>SCOPE</u> 18,100	LS LS SF	COST (\$000) 400 2,900 2,700 5,000	(Dat	e)
Unil 9. LAND AC 10. PROJEC CATEGORY CODE 116-672 A 149-962 C 219-944 E 730-142 E	CTS PLAN AIRCRAFT CONTROL BASE CIV MAINTEN FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT VIL SANITARY AND DRAINAGE	None <u>SCOPE</u> 18,100	LS LS SF SF LS	COST (\$000) 400 2,900 2,700 5,000 1,500	(Dat	e)
Unil  9. LAND AC  10. PROJECT  CATEGORY  CODE  116-672 A 149-962 C 219-944 B 730-142 B 850-000 S	CTS PLANAIRCRAFT CONTROL BASE CIV MAINTEN FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT VIL SANITARY AND DRAINAGE	None <u>SCOPE</u> 18,100	LS LS SF SF LS	COST (\$000) 400 2,900 2,700 5,000 1,500	(Dat	e)
Unil O. LAND AC  LO. PROJECT  CATEGORY  CODE  L16-672 A  L49-962 C  L19-944 B  730-142 B  730-142 B	CTS PLANAIRCRAFT CONTROL BASE CIV MAINTEN FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT VIL SANITARY AND DRAINAGE	None <u>SCOPE</u> 18,100	LS LS SF SF LS	COST (\$000) 400 2,900 2,700 5,000 1,500	(Dat	e)
Unil 9. LAND AC  10. PROJEC  CATEGORY  CODE  116-672 A 149-962 C 219-944 E  730-142 E 850-000 S	CTS PLANAIRCRAFT CONTROL BASE CIV MAINTEN FIRE STA	Construction Approved  ON REQUIRED  NNED IN NEXT FOUR YEARS  PROJECT TITLE  T DE ICING APRON TOWER VIL ENGINEERING NANCE FACILITY ATION ATER TREATMENT VIL SANITARY AND DRAINAGE	None <u>SCOPE</u> 18,100	LS LS SF SF LS	COST (\$000) 400 2,900 2,700 5,000 1,500	(Dat	e)

1. COMPONENT		FY 1997	GUARD AND	) RESERVE		2. DA	TE
ANG			ARY CONSTR				
3. INSTALLATI	ON AND						
SELFRIDGE AND	BASE,	MICHIGAN					
11. PERSONNEI	STRENG	TH AS OF	30 JUN 95				
		*****			-		
	TOTAL		MANENT	CTITTTAN		JARD/RES	
AUTHORIZED	1,071			CIVILIAN	1,845		
ACTUAL		44		450			•
11010112	,,,	77	403	430	1,710	109	1,527
12. RESERVE U	UNIT DAT	'A					
				S'	TRENGTH		
	UNIT DE	SIGNATION	[	AUTHORIZE		CTUAL	
	127	SVF		30		23	
	107	FS		37		45	
	127	MS		243		428	
	127	MEDS		72		68	
	127 127	FW		53		45	
	127	COMFLT SPS		35 57		39 50	
		LS		143		58 104	
		WX LT		19		20	
		SVF		30		27	
		AS		95		147	
		MS		171		225	
		AG		114		41	
		MEDS		56		46	
	191			140		130	
		SPS		57		51	
		LS COMMS		123		92	
	191	OG		39 6		37 5	
	191			9		12	
	191	SPTG		5		3	
	191	OSF		19		23	
	127	OG		3		3	
	127	LG		20		16	
			TOTALS	1,576	1	,688	
13. MAJOR EQU	IPMENT	AND AIRCR	AFT				
<u>T</u>	<u>YPE</u>			AUTHORIZEI	<u> AS</u>	SIGNED	
F-16A/B Aircr	o.f.t			10		0.0	
r-16A/B Alrer C-26B Aircraf				12 1		20	
C-130E	C			8		1 8	
Support Equip	ment			262		255	
Vehicle Equiv				902		838	
ndark				302		000	

			····						_	DATE
1. COMPONENT							۷.	DATE		
FY 1997 MILITARY CONSTRUCTION PROJECT DATA  (computer generated)										
ANG			er gene:			TDCM 0	TOLL			
3. INSTALLATI				4.	PRU	JECT 1	TTTE	•		
,	NATIO	ONAL GUARD BASE					0 T N/G	a sz a m r	78/6	
MICHIGAN		L GUMMGONII GONII	1- 220			E HEAT				706T(\$000)
5. PROGRAM EL	EMENT	6. CATEGORY CODE	/. PRO.	ECI	r Moi	MREK	8. 1	KOJE	ъТ <i>(</i>	2021(\$000)
55256F		821-116	VGL	7020	วดกร				9	3,000
33230F_		<del></del>	T ESTIM							-0100
		7. 000	<u> </u>	<u></u>				UNI	[	COST
		ITEM			U/M	QUANT	TITY	cos	<u> </u>	(\$000)
UPGRADE HEATI	NG SYS	STEMS			LS					2,200
SUPPORTING FA	CILIT	IES								500
UTILITIES					LS					( 280)
PAVEMENTS					LS					( 170)
SITE IMPROV	EMENTS	3			LS					(50)
SUBTOTAL										2,700
CONTINGENCY (	5%)									<u> 135</u>
TOTAL CONTRAC	T COST	Γ								2,835
SUPERVISION,	INSPE	CTION AND OVERHEA	D (5%)							<u>142</u>
TOTAL REQUEST	1									2,977
TOTAL REQUEST	(ROUI	NDED)								3,000
	•	•								
										1
						ļ				

10. Description of Proposed Construction: The shutdown of the steam distribution system serving twelve buildings on the west side of the base requires the installation of packaged heating systems. These will be grouped to most efficiently serve the affected buildings. Provide all utilities, pavements, site improvements, and support.

11. REQUIREMENT: As required.

PROJECT: Upgrade Heating Systems (Current Mission).

REQUIREMENT: This is a level I environmental compliance project mandated by Clean Air Act Amendments of 1990 and required by 40 CFR 50, National Primary and Secondary Ambient Air Quality Standards and 40 CFR 61, NationalEmissions Standards for Hazardous Air Pollutants. The state inspectors have determined that the stack emissions exceeded the regulatory level of 20% opacity. The base requires adequate heating systems which are economical to maintain, operate and do not pollute the air and ground water. Buildings 1403, 1407, 1409, 1410, 1414, 1424, 1425, 1426, 1427, 1428, 1429, and 1430 require packaged heating units. CURRENT\_SITUATION: In a non-attainment area for ozone, the base has a coal-fired central heating plant which is antiquated and does not meet current air quality emission standards. The central plant serves twelve buildings through a system of approximately six miles of underground and above ground high temperature hot water lines. It has old boilers which are not economical to operate. The heating plant also has numerous health and safety violations. Lines serving the buildings are old, poorly insulated, and leak, resulting in a substantial loss of energy. The pipes also have asbestos insulation. The electrical connections are old and corroded. The coal storage piles have contaminated the groundwater. The plant must also be must be operated thoughout the year to allow the

	1. COMPONENT		i	2. DA	TE	1
		FY 1997 MILITARY CONSTRUCTION PROJECT DATA	A			I
	ANG	(computer generated)				1
	3. INSTALLATI	ON AND LOCATION				
	SELFRIDGE AIR	NATIONAL GUARD BASE MICHIGAN				1
•	4. PROJECT TI	TLE	5. PR	JECT	NUMBER	
	HEATT	NG SYSTEMS	VCI	.79299	การ	1

production of hot water for the various buildings. It is not economical to upgrade the heating plant to meet air quality emission standards. This project will construct energy efficient and smaller gas-fired heating units that will be more economical to operate and maintain. The grouping was determined by an extensive study and economic analysis. Upon completion of this project the following will occur: remove coal pile and restore contaminated area; remove 1,000 LF of railroad track; demolish Buildings 1418 (2,600 SF) and 1005 (3,959 SF); and remove all of the remaining supporting appurtenances.

IMPACT IF NOT PROVIDED: Unable to comply with the federal and state air emission standards. Environmental regulators could issue notices of violation and fines for air and groundwater pollution. Large energy losses and inadequate heating for twelve buildings. Health and safety hazards and higher operating costs would continue to occur. Regulatory or operational constraints could shut down the system leading to partial shut down of the base.

ADDITIONAL: An economic analysis has been prepared comparing the alternatives of new construction, revitalization, leasing, and status quo operation. Based on life-cycle costs in net present value and the benefits of the respective alternatives, grouping of the boilers into packaged units was found to be the most cost effective for this project. This project is the final of a 3-phase program for the total conversion of the two central heating plants to individual/grouped gas fired systems.

	ENT	FY 1997 MILITARY CONSTRUCTION PROJECT DA		. DATE
NG		(computer generated)		
. INSTAL	OITAJ	N AND LOCATION		
ELFRIDGE	AIR	NATIONAL GUARD BASE MICHIGAN	-	
. PROJEC			5. PROJ	ECT NUMBER
ממאחב שי	ሮለ <b>ጥ</b> ፒክ	IG SYSTEMS	VGLZ	929903
FGRADE II.	DALIN	G SISIEMS	,,,,,,,	<del></del>
2. SUPP	LEMEN	TAL DATA:		
a. Est	imate	ed Design Data:		
(1)	Sta	itus:		
		Date Design Started		93 APR 14
		Percent Complete as of Jan 96		95% 95 MAR 31
		Date 35% Designed Date Design Complete		96 FEB 05
	(4)	Date Design Complete		70 122 03
(2)	Bas			***
		Standard or Definitive Design -		NO N/A
	(b)	Where Design Was Most Recently Used -		N/A
(3)		cal Cost $(c) = (a) + (b)$ or $(d) + (e)$ :		(\$000
		Production of Plans and Specifications		175
		All Other Design Costs		72 247
		Total		247
	(e)	Contract In-house		247
(4)	Con	astruction Start		97 JUL
Easin	m on t	associated with this project will be provide	led from	
. Equip ther app			icu IIom	
		•		
		М» .1г	ohn Lochl	e
		Mr. Jo (301)	ohn Loehl 836-8076	e

1. COMPONENT	FY 1997 GUARD AND				2. DATE	,
ANG	MILITARY CONSTRU	CTION				
3. INSTALLATION AN					I.	CONSTR
ATLANTIC CITY INTE	ERNATIONAL AIRPORT, NEW	JERSEY			COST	INDEX
					1.	20
	TYPE OF UTILIZATION					
Four Unit Training	g Assemblies per month,	15 days a	nnu	al field	trainin	g per
year, daily use by	y technician/AGR force	and for tr	ain:	ing.		
6. OTHER ACTIVE/GU	JARD/RESERVE INSTALLATI	ONS WITHIN	1 15	MILE RA	DIUS	
2 Army National Gu	uard Armories, 1 Coast	Guard Trai	lnin	g Center		
	·					
7. PROJECTS REQUES	STED IN THIS PROGRAM:	FY 1997				
CATEGORY				COST	DESIGN	STATUS
<u>CODE</u> <u>I</u>	PROJECT TITLE	SCOPE		(\$000)	START	
<u> </u>	THOUSET TITLE	000111		140007	5211112	
   171-450 ADD TO AN	ND ALTER MEDICAL	530	SM	380	APR 94	APR 96
	FACILITY					
8. STATE RESERVE F	FORCES FACILITIES BOARD	RECOMMENI	OATI	ON		
	Construction Approved				15 NOV	94
					(Dat	
9. LAND ACQUISITIO	ON REQUIRED	None				
y, Limb mogorbara		1,0110		(N	umber of	Acres
10. PROJECTS PLANN	NED IN NEXT FOUR YEARS			711		
CATEGORY	III I TOOK IIIMKO			COST		
	PROJECT TITLE	SCOPE		(\$000)		
<u> 1000                                 </u>	ROODGI TITIB	POOLE		7 4000)		
131_111 COMMINITO	ATIONS AND SECURITY	1/ 000	сr	2 650		
		14,800	16	2,650		
POLICE E						
422-264	IGL00S	6,400	SF	1,100		

1. COMPONENT		2. DATE
ANG	MILITARY CONSTRUCTION	
	ON AND LOCATION	
ATLANTIC CIT	I INTERNATIONAL AIRPORT, NEW JERSEY	
11. PERSONNE	STRENGTH AS OF 1 SEP 95	
1	PERMANENT	GUARD/RESERVE

		PER	MANENT		GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	<u>TOTAL</u>	OFFICER	ENLISTED
AUTHORIZED	352	7	53	292	1,042	90	952
ACTUAL	352	7	53	292	930	93	837

# 12. RESERVE UNIT DATA

DMIT DAT	А		STREM	IGTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
177	FG		58	51
119	FS		34	32
177	MSQ		192	144
177	LSQ		112	103
177	COM		47	43
177	MSS FT		35	33
177	CES		140	135
177	SPS		85	87
177	MED SQ		56	53
177	SVF		30	27
177	OPS GP		3	1
177	LGS GP		20	20
177	SPT GP		5	5
177	OPS FT		21	21
177	LGS FT		32	30
177	AGS		151	143
177	FG DET		<u> </u>	2
		TOTALS	1,042	930

## 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED	
F-16 Aircraft	15	18	
Support Equipment	115	103	
Vehicle Equivalents	267	293	

	•					
1. COMPONENT ANG						
3. INSTALLATION KIRTLAND AIR I	COST	CONSTR INDEX 02				
Four Unit Trai	AND TYPE OF UTILIZATION ining assemblies per mont se by technician/AGR forc			trainin	g per	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 3 Army National Guard Armories, 2 Army Reserve Facilities, 1 Naval/Marine Reserve Facility						
	EQUESTED IN THIS PROGRAM:	FY 1997	go gm	DEGE	am . m a	
CATEGORY CODE	PROJECT TITLE	SCOPE	COST <u>(\$000)</u>	DESIGN START	STATUS CMPL	
	TIONS MAINTENANCE STORAGE COMPLEX	1,678 SI	M 3,000	JUL 91	NOV 95	
	RVE FORCES FACILITIES BOA		TION			
	ral Construction Approved			<u>23 AUG</u> (Dat		
9. LAND ACQUIS	SITION REQUIRED	None		umbon of	10700	
	PLANNED IN NEXT FOUR YEAR	2S	(1)	umber of	ACLES)	
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)			
141-753 ADD T	SITE SUPPORT FACILITY O AND ALTER SQUADRON ATIONS FACILITY	14,500 SI 22,300 SI				
442-758 ADD T	O AND ALTER BASE	41,000 SI	F 2,400			

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DA	2. DATE	
3. INSTALLATI	ON AND		MICE COMPTI	0011011			
KIRTLAND AIR			MEXICO				
11. PERSONNEL	STRENG	TH AS OF	15 AUG 95			• • •	
		PER	MANENT			GUARD/RES	ERVE
	TOTAL	OFFICER		CIVILIAN		OFFICER	
AUTHORIZED	364			4	1,038		917
ACTUAL	364	36	324	4	1,043	121	922
12. RESERVE U	NIT DAT	'A				n	
			-		<u> </u>		
	UNIT DE	SIGNATION	<u>l</u>	<u>AUTHORIZE</u>	<u>u</u>	ACTUAL	
	HQ	NM ANG	•	28		24	
	150			53		52	
		MED SQ		53 34		49 33	
		MSN SQ MNT SQ		220		230	
		ACFTSQ		189		201	
		LGSPFT		32		22	
		CES		110		104	
		SVSFLT		30 <b>57</b>		32 58	
		SP SQ LG SQ		111		104	
		COM FT		39		39	
	150	SPT GP		5		5	
	188	•		38		45	
		OPS GP		5 3		19 3	
	150 150			31		23	
	130	010 11	TOTALS	1,038		1,043	
10 WATOR FOR	TOMORIO	AND ATDC	ATOR				
13. MAJOR EQU	TPMENT	AND AIRCE	LTA				
]	YPE			AUTHORIZE	<u>D</u>	ASSIGNED	
F-16 Aircraft (LANTRIN, Block 40)			12		19		
F-16 Aircraft	(DSE,			8		11	
C-26 Aircraft				1		150	
Support Equip				171 179		150 86	
Vehicle Equiv	arents			1/9		00	

1. COMPONENT								2.	DAT	E
	F	Y 1997 MILITARY CO	ONSTRUC:	LION	PRO	DJECT DA	ΓΑ			
ANG (computer generated)										
3. INSTALLATI	INA NO	D LOCATION		l		JECT TIT				
					. – – -	ONS MAIN		E		
-		BASE NEW MEXICO				<u>DRAGE CO</u>				
5. PROGRAM EI	EMENT	6. CATEGORY CODE	7. PRO	JECI	' NUI	MBER 8.	PROJE	CT (	COST	(\$000)
FOCOOTI		016 640	Vana	7000					ha a	••
52620F		216-642	MHMY C ESTIM					;	3,0	00
		9, 608	r rollin	41E2	)		INI	<u>т</u>		OST
		ITEM			TT /M	QUANTIT	1		_	000)
MINITIONS MAI	NTENAI	NCE AND STORAGE			SM	1,678				1,743
		LER MAINTENANCE		- 1	SM	700		350	(	
MUNITIONS N					SM	428		350		
ALTER MUNIT	CIONS	STORAGE			SM	550		400		220)
SUPPORTING FA	CILIT	[ES							`	980
UTILITIES/S	EWER I	LATERAL			LS				(	430)
PAVEMENTS, F	OADS A	AND LOADING PAD			LS				(	400)
SITE IMPROV	EMENTS	3		l	LS					75)
PREWIRED WO	RK STA	ATIONS			LS				(	25)
LOADING/UNI	OADING	G DOCK		-	LS				(_	50)
SUBTOTAL				l						2,723
CONTINGENCY (	•	_		-					_	<u> 136</u>
TOTAL CONTRAC			\ F#\\	-	1					2,859
		CTION AND OVERHEAD	) (5%)	i					-	143
TOTAL REQUEST		לחבט/								3,002
TOTAL REQUEST	. (ROUI	וחחח)		- 1						3,000
1							1		1	

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry/reinforced concrete walls and a frangible built-up roof for the maintenance/administration area. Metal building/concrete floor for covered storage/missile training area. Alter existing storage. Overlay road, provide new pavements and utilities. Extend sewer lateral into the munitions complex.

Air Conditioning: 25 Tons.

11. REQUIREMENT: 1,678 SM ADEQUATE: 0 SUBSTANDARD: 1,255 SM PROJECT: Munitions Maintenance and Storage Complex (New Mission). REQUIREMENT: This project supports the conversion from A-7 to F-16 aircraft in October 1992. Adequate training and operational facilities are necessary to support the storage, inspection, maintenance, and repair of aircraft missiles and missile trailers. Functional areas required are missile maintenance bays, trailer maintenance bay, parts storage, administration area, rest rooms, and missile, 20-mm munitions and ALS/ULS processing areas.

CURRENT SITUATION: The ANG munitions maintenance is in a shared Air Force facility and is conducted in an unsafe and undersized area that is 25% of the minimum required space. The area is also too close to a new taxiway that the airport authority is building for commercial operation. The distance to the new taxiway limits the type of explosives that can be stored, maintained and used for training. During training weekends, only one training class at a time can be conducted due to the limited space available. Trailer maintenance is performed outside exposed to the elements which can be extreme heat/cold with high winds and blown sand. No missile maintenance facility exists. Maintenance and training requirements have increased with the F-16 creating the need for more

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJ	ECT DATA	2. DA	ATE
ANG	(computer generated)			
3. INSTALLAT	ION AND LOCATION			
KIRTLAND AIR	FORCE BASE NEW MEXICO			
4. PROJECT T		5.	PROJECT	NUMBER
MINITETONS MA	INTENANCE AND STORAGE COMPLEX		MHMV899	521

MUNITIONS MAINTENANCE AND STORAGE COMPLEX

space. Air Force shared maintenance space is a temporary workaround. ANG is only scheduled space when Air Force is not using it. Some alterations to the existing facilities that will make up this complex are required. The munition area is located at a remote part of the base and some infrastructure work is mandatory. An existing access road to the proposed site is in need of an overlay as smooth pavements are required for the movement of munitions. Environmental restrictions require that sewage from the area be transmitted to a treatment plant through a sewer lateral. Since none exist in the area, one must be constructed from the proposed building site to an existing sanitary system. IMPACT IF NOT PROVIDED: The unit is unable to properly and safely maintain the munitions for the new aircraft. There is no space to accommodate the new missile test equipment, maintain/store trailers and provide necessary munitions training. The unit is not able to accomplish the mission.

ADDITIONAL: Upon completion of this project, Buildings 749 @ 123 SF; 754 @ 5,474 SF; 755 @ 5,474 SF, and 756 @ 822 SF will be returned to the Air Force for disposition. Three trailers used to supplement the above space will be disposed upon completion of this project. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

1. COMPONENT			2. DATE
<u> </u>	MILITARY CONSTRUCTION PROJECT I	DATA	
ANG	(computer generated)		
3. INSTALLATION AND LOCAT	ION		
KIRTLAND AIR FORCE BASE N	EW MEXICO		
4. PROJECT TITLE	11211100	5. PR	OJECT NUMBER
MUNITIONS MAINTENANCE AND	STORAGE COMPLEX	MHI	MV899521
12. SUPPLEMENTAL DATA:			
a. Estimated Design Da	ta:		
(1) Status:			
(a) Date Design	n Started		91 JUL 26
	mplete as of Jan 96		100%
(c) Date 35% D	<del>-</del>		94 FEB 22
(d) Date Design	— — — — — — — — — — — — — — — — — — —		95 NOV 01
(2) Basis:			
• •	r Definitive Design -		NO
, , , , , , , , , , , , , , , , , , ,	gn Was Most Recently Used -		N/A
(3) Total Cost (c)	= (a) + (b)  or  (d) + (e):		(\$000
	of Plans and Specifications		141
(b) All Other	Design Costs		68
(c) Total			209
(d) Contract			209
(e) In-house			
(4) Construction S	tart		97 JUN

b. Equipment associated with this project will be provided from other appropriations: N/A

Mr. Ron Schnakenberg (301) 836-8115

	FY 1997 GUARD AND	,	·	2. DATE	3
ANG_	MILITARY CONSTRU	UCTION		4 4 5 7 4	CONCE
	ON AND LOCATION NTERNATIONAL AIRPORT, NEVAI	DA			CONST CINDEX 20
Twelve monthly	AND TYPE OF UTILIZATION y assemblies per year, 15 one se by technician/AGR force	days annual fi and for train	eld trai	ning per	•
2 Army Nationa	VE/GUARD/RESERVE INSTALLAT al Guard Units, 1 Army Rese s Reserve Unit				t and
7. PROJECTS RE	EQUESTED IN THIS PROGRAM:	FY 1997			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN START	
	SYSTEMS MAINTENANCE AND ROSION CONTROL HANGAR	2,410 SM	4,600	SEP 95	SEP 9
	RVE FORCES FACILITIES BOARD ral Construction Approved	D RECOMMENDATI	ON	<u>18 MAS</u> (Dat	
9. LAND ACQUIS	SITION REQUIRED	None		lumbon of	
			( N	uniber or	Acres
	PLANNED IN NEXT FOUR YEARS			umber of	Acres
	PLANNED IN NEXT FOUR YEARS PROJECT TITLE	SCOPE	COST (\$000)	umbel O	<u> Acres</u>
CATEGORY <u>CODE</u> 113-321 ADD 1 171-873 AERIA	PROJECT TITLE TO AIRCRAFT PARKING APRON AL PORT TRAINING FACILITY	9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	umber of	<u>F Acres</u>
CATEGORY <u>CODE</u> 113-321 ADD 1 171-873 AERIA	PROJECT TITLE TO AIRCRAFT PARKING APRON	9,800 SY	COST (\$000)	umber of	<u>F Acres</u>
CATEGORY CODE  113-321 ADD 1 171-873 AERIA	PROJECT TITLE TO AIRCRAFT PARKING APRON AL PORT TRAINING FACILITY	9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	umber of	F Acres
CATEGORY <u>CODE</u> 113-321 ADD 1 171-873 AERIA	PROJECT TITLE TO AIRCRAFT PARKING APRON AL PORT TRAINING FACILITY	9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	umbel Ol	F Acres
CATEGORY <u>CODE</u> 113-321 ADD 1 171-873 AERIA	PROJECT TITLE TO AIRCRAFT PARKING APRON AL PORT TRAINING FACILITY	9,800 SY 14,200 SF	COST (\$000) 1,400 2,000	umbel Ol	F Acres

11.	COMPONENT	FY 1997 GUARD AND RESERVE	2. DATE					
	ANG	MILITARY CONSTRUCTION						
3.	3. INSTALLATION AND LOCATION							
REI	NO CANNON IN	TERNATIONAL AIRPORT, NEVADA						
		·						
1 1 1	DDDCOMMDI	CEDENICEU AC OF 15 MAD OF						

#### 11. PERSONNEL STRENGTH AS OF 15 MAR 95

		PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	
AUTHORIZED	361	43	302	16	1,125	146	979	
ACTUAL	339	36	288	15	1,069	144	925	

## 12. RESERVE UNIT DATA

			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
HQ	NV ANG		29	30
152	CES		131	114
152	CMN FT		38	37
152	ITL SQ		96	89
152	LGS GP		17	15
152	LGS SQ		106	100
152	MAI SQ		406	330
152	MEG SQ		34	33
152	MSQ FT		34	34
152	OPS GP		10	6
152	OSS FT		14	11
152	RCN GP		48	45
152	SEP FT		57	60
152	SER FT		28	25
152	SUT GP		5 .	3
152	STU FT		7	73
192	RCN SQ		<u>65</u>	<u>64</u>
		TOTALS	1,125	1,069

# 13. MAJOR EQUIPMENT AND AIRCRAFT

	TYPE	AUTHORIZED	ASSIGNED
C-13	30 Aircraft	8	2
Supp	port Equipment	183	187
Vehi	icle Equivalents	71	73

1. COMPONENT	pv 10	97 MILITARY C	ONG TOTIC	דר אז	ppr	ገ.፲፱ረፓ ፲	ል <b>ጥ</b> ል		DATE
	FY 19	9/ MILITARY Compute				DIECT D	AIA		
ANG	T AMD T O		er gene.			JECT TI	יו די	<del></del>	
3. INSTALLATION	A WIND LO	CATION				STEMS			TE AND
DENIO CANINONI TNI	ח דיתי א זא מינידי	חו שמחממדא זונו	E17 A T) A			ON CON			
RENO CANNON IN 5. PROGRAM ELEM	EKNALLU	NAL AIRPURI N							COST(\$00
o. PRUGRAM ELEM	TENT 6.	CALEGORI CODE	/. PRO.	POT	NOI	JDEK		ROOLOI	0001(400
54332F		211-179	HCT	L949	732				\$4,600
J4332F			T ESTIM	-	102				7 . 3 V V .
		<b>),</b> 000	1 1101111					UNIT	COST
	ΤT	EM			U/M	QUANTI	TY	COST	(\$000)
FUEL SYSTEMS MA					SM	2,41			3,60
FUEL SYSTEMS					SM	1,90		1,550	
FUEL SYSTEMS				1	SM		0	1,300	1 .
CORROSION COI					SM	1	0	1,300	I
PLASTIC MEDIA				1	SM	1	0	1,300	1 *
MUNITION STOR				- 1	SM	1	0	1,200	1 '
SUPPORTING FACT					<del>-</del>			, = •	59
UTILITIES				1	LS		- 1		( 15
	re impro	VEMENTS/DEMOL	ITION		LS	ŀ	1		( 17
FIRE PROTECT:			•		LS				(26
SUBTOTAL							ł		4,19
CONTINGENCY (5%	<b>%</b> )								21
TOTAL CONTRACT	•			1					4,40
SUPERVISION, II	NSPECTIO	N AND OVERHEAT	D (5%)				ļ		22
TOTAL REQUEST							l		4,62
TOTAL REQUEST	(ROUNDED	)		-		l			4,60
•	•								
and floor slab roof. Interior with oil/water and utilities. Demolish Build	, struct r masonr separat Exteri ing l at	y walls, mech or, fire supp or access pav 3,087 SF tha	aming wanical ressionements,	ith : vent: , pe: uti:	ins ila rso lit:	ulated tion sy nnel br ies and	met ste eat l su	al pand m, dra hing ap pport.	els and inage pparatus
Air Conditioni	ng: 10	Tons.						00 01	
11. REQUIREMEN	NT: 2,4	10 SM ADEQUA	TE: 0	SUBS'	TAN]	DARD:	1,0	23 SM	
PROJECT: Fuel	System	maintenance a	na Corr	05101	n G	ontrol	нan	gar (N	ew
Mission). REQUIREMENT: 3	Phia	ioat aummant-	the ec	nsro=	a 1 ^-	o from	10	DT/ #:	ichter
REQUIREMENT: 1 aircraft to 8 (									
aircraft to 8 ( aircraft fuel (									
aircrait fuel ( fuel cell hang:									
tuel cell nangation the hangar.	ur nay,	niat he nerfor	r and S	appo. nore	to:	keen d	u   112+	and d	ehris
from entering	noin iii	cell bladder	s and t	o me	et 4	enviror	men	tal	
requirements.									. A
small munitions									
demolished and									
CURRENT SITUAT						lity fo	r p	erform	ing Fuel
Cell/Corrosion									
cell/corrosion									C-130
aircraft. The									
training. Wear									re that
fuel cell main									
aircraft fuel									
		orage buildin							

The small munitions storage building in the way of construction must be

-	1. COMPONENT			2. DA	TE
		FY 1997 MILITARY CONSTRUCTION PROJECT DAT	ΓA		
	ANG	(computer generated)			
	3. INSTALLATION	ON AND LOCATION		•	
	RENO CANNON I	NTERNATIONAL AIRPORT NEVADA			
	4. PROJECT TI	TLE	5.	PROJECT	NUMBER
	<u>  FUEL_SYSTEMS   </u>	MAINTENANCE AND CORROSION CONTROL HANGAR	1	UCTL9497	732

demolished to make room for the fuel cell.

IMPACT IF NOT PROVIDED: In good weather, fuel system maintenance and corrosion control will be performed on the ramp in an unsafe manner and in violation of Technical Orders. If a fuel spill should occur, it will seep through the pavement joints and contaminate the soil and ground water. When the weather does not allow outdoor work the aircraft will have to be flown to another base that has the capability. Work at other locations will be done on a space available basis. Compliance with environmental regulations cannot be met. Lost training opportunities and higher operating costs. Unable to reach full operational capability. ADDITIONAL: There are no facilities on base that can house this function. All known options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed.

ŀ	FY 1997 MILITARY CONSTRUCTION PROJECT DAT	Z. DATE
NG	(computer generated) ON AND LOCATION	
. INSTALLATI	ON AND LOCATION	
	NTERNATIONAL AIRPORT NEVADA	
. PROJECT TI	TLE	5. PROJECT NUMBER
UEL SYSTEMS	MAINTENANCE AND CORROSION CONTROL HANGAR	UCTL949732
.2. SUPPLEME	NTAL DATA:	
a. Estimat	ed Design Data:	
(1) St	atus:	
	Date Design Started	95 SEP 01
	Percent Complete as of Jan 96	40% 95 DEC 20
	Date 35% Designed Date Design Complete	96 SEP 15
(4)	Date Deligii complete	
(2) Ba	and the second s	NO
(a)	Standard or Definitive Design — Where Design Was Most Recently Used —	NO N/A
(0)	where besign was nost ketentry osed -	117 11
(3) To	tal Cost $(c) = (a) + (b)$ or $(d) + (e)$ :	(\$000
(a)		240
(b)		100 340
(b)	Contract	340
(e)		
(4) Co	nstruction Start	97 AUG
o. Equipment	associated with this project will be provide	ed from
ther appropi	iations: N/A	
	Cant M	ark Susa 836-8187

1. COMPONENT FY 1997 GUARD ANI ANG MILITARY CONSTI		2. DATE
3. INSTALLATION AND LOCATION FRANCIS S GABRESKI AIRPORT, NEW YORK		4. AREA CONSTR COST INDEX 1.31
5. FREQUENCY AND TYPE OF UTILIZATION Four Unit Training Assemblies per month year, daily use by technician/AGR force	n, 15 days annual fielde and for training.	•
6. OTHER ACTIVE/GUARD/RESERVE INSTALLAT 1 Army National Guard Unit, 1 Army Rese Unit.	TIONS WITHIN 15 MILE RA	ADIUS past Guard
7. PROJECTS REQUESTED IN THIS PROGRAM:	FY 1997	
CATEGORY <u>CODE</u> <u>PROJECT TITLE</u>	COST SCOPE (\$000)	
116-672 AIRCRAFT WASHING AND DEICING FACILITY	LS 659	MAY 93 MAR 96
8. STATE RESERVE FORCES FACILITIES BOAR Unilateral Construction Approved	D RECOMMENDATION	<u>6 JUN 95</u> (Date)
9. LAND ACQUISITION REQUIRED	None	
10. PROJECTS PLANNED IN NEXT FOUR YEARS	(1)	Number of Acres)
CATEGORY <u>CODE</u> <u>PROJECT TITLE</u>	COST <u>SCOPE</u> (\$000)	
171-445 COMPOSITE SUPPORT FACILITY 211-157 ENGINE AND SURVIVAL EQUIPMENT SHOPS	96,300 SF 7,100 24,400 SF 4,300	
214-425 VEHICLE AND AGE MAINTENANCE COMPLEX	22,300 SF 3,700	

	<u>TOTAL</u> 219	OFFICER 8	ENLISTED 37	CIVILIAN 174	<u>TOTAL</u> 854	OFFICER 111	ENLISTE 743		
			MANENT			GUARD/RES			
11. PERSONNEI	STRENG	TH AS OF	1 AUG 95						
FRANCIS S GAE	BRESKI A	IRPORT, N	EW YORK						
3. INSTALLATI	ON AND	LOCATION							
1. COMPONENT ANG		FY 1997 MILIT	GUARD AND ARY CONSTR	*		2. DATE			

RVE	UNIT DATA	A			
				STRE	NGTH
	UNIT DES	SIGNATION		AUTHORIZED	<u>ACTUAL</u>
	102	RQS		109	98
	106	RQG		47	46
	106	CES		158	136
	106	MXS		101	104
	106	MSF		55	58
	106	LS		111	103
	106	MED SQ		56	38
	106	SVF		30	27
	8106	STUFLT		20	61
	106	AGS		62	58
	106	LG SPT		15	10
	106	OPSGRP		10	10
	106	OPSPFT		24	22
	106	SG		5	4
	106	LG		9	9
	106	COMM		42	<u> </u>
			TOTALS	854	821

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	<u>ASSIGNED</u>	
HC-130 Aircraft	4	4	
MH-60G	5	6	
Support Equipment	200	180	
Vehicle Equivalents	303	320	
_			

1. COMPONENT								:	2. DATE		
	F	7 1997 MILITA	`A								
ANG		(computer generated)									
3. INSTALLATION AND LOCATION 4. PROJECT TITLE											
					AIRO	CRAI	T WASHIN	IG AND I	DEICING		
FRANCIS S. GA	ABRESKI	AIRPORT NEV	Y YORK		FAC1						
5. PROGRAM EI	LEMENT	6. CATEGORY	CODE	7. PRO	ECT	NUN	MBER 8.	PROJEC	OJECT COST(\$000)		
55256F		116-672		WKVI	39395	505			\$659		
		9.	COST	ESTIMA	TES		•				
						_		UNIT	COST		
		ITEM			τ	J/M	QUANTITY	COST	(\$000)		

U/M	QUANTITY	UNIT COST	COST (\$000)
LS			200
			394
LS	Ì		( 245)
LS			( 10)
LS			( 30)
LS			( <u>109</u> )
			594
			30
			624
			31
			655
			659
	LS LS LS	LS LS LS	U/M QUANTITY COST LS LS LS LS

- 10. Description of Proposed Construction: Concrete pad with drainage features for fluid containment. Provide utilities, pavements, site improvements, wash water disposal system, and glycol recovery/recycling system.
- 11. REQUIREMENT: As required.

PROJECT: Aircraft Washing and Deicing Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 125, Criteria and Standards for National Pollution Discharge Elimination System. The base requires an environmentally safe facility to deice aircraft prior to each flight and rinse aircraft after each flight. Proposed state regulations require glycol discharges be contained and not allowed to enter streams or waterways. This project will provide a means of recovering and recycling the deicing fluids.

CURRENT SITUATION: The base is located near water and the low-level C-130 and helicopter air rescue training missions occur daily over the Atlantic Ocean. The aircraft come back to the base covered with salt-water mist. and are deiced and rinsed in the open on the ramp. Waste rinse water and deicing fluids run off the apron onto the ground contaminating the soil with glycols, salt and other aircraft fluids. In addition, the apron area is not properly sized. It requires the aircraft to be towed into place adding to the loss of operational and training efficiencies. Improper corrosion control also increases the corrosive action of the salt water mist on aircraft components. This has been noted by the Air Force Corrosion Control team's inspection report.

IMPACT IF NOT PROVIDED: Unable to properly deice or rinse aircraft. The continued contamination of groundwater and pollution of nearby streams

	1. COMPONENT							2. DATE
		FY	1997 M			ION PROJECT	DATA	
	ANG			(compi	uter gener	ated)		
	3. INSTALLATIO	ON AND	LOCATI	ON				
	FRANCIS S. GAI	BRESKI	AIRPOR	RT NEW YO	ORK			
	4. PROJECT TIT	TLE					5. PR	OJECT NUMBER
	AIRCRAFT WASH	ING AND	DEICI	NG FACI	LITY		WKY	VB939505
1	1							

puts the base in violation of federal and state environmental statutes. Notices of violation from environmental regulators could result in fines and penalties. Increased corrosion on aircraft adversely affects components and ultimately impacts the mission.

1. COMPONENT		2. DATE
ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DA (computer generated)	TA
	ION AND LOCATION	
FRANCIS S. G	ABRESKI AIRPORT NEW YORK	
4. PROJECT T		5. PROJECT NUMBER
AIRCRAFT WAS	HING AND DEICING FACILITY	WKVB939505
12. SUPPLEM	ENTAL DATA:	
a. Estima	ted Design Data:	
(1) S	tatus:	
(a	) Date Design Started	93 MAY 12
	) Percent Complete as of Jan 96	70%
	) Date 35% Designed	95 MAY 15
(d	) Date Design Complete	96 MAR 31
(2) B	asis:	
	) Standard or Definitive Design -	NO
(b	) Where Design Was Most Recently Used -	N/A
(3) T	otal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	20
	) All Other Design Costs	10
•	) Total	30
•	Contract	30
(е	) In-house	
(4) C	onstruction Start	97 JUN
b. Equipmen	associated with this project will be provide	ed from
other approp	riations: N/A	

Capt Mark Susa (301) 836-8187

1 COMPONENT	FY 1997 GUARD AND	DECEDITE		2. DATE	
1. COMPONENT ANG	MILITARY CONSTR				GONGED
3. INSTALLATION STEWART INTERNA	AND LOCATION TIONAL AIRPORT, NEW YORK			4. AREA COST	INDEX
Four Unit Train	D TYPE OF UTILIZATION ing Assemblies per month echnician force, and for		ual train	ing per	year,
Army National G	/GUARD/RESERVE INSTALLAT uard Units, two Army Res s Reserve Unit (colocate	erve units, o	ne Naval	Reserve	unit,
CATEGORY	UESTED IN THIS PROGRAM:		COST	DESIGN	
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>		
171-212 C-5 FL	IGHT SIMULATOR FACILITY	1,100 SM	3,000	FEB 94	OCT 95
	E FORCES FACILITIES BOAR l Construction Approved	D RECOMMENDAT	ION	_7_FEB	
	1 Construction Approved	D RECOMMENDAT		(Dat	e)
Unilatera 9. LAND ACQUISI	l Construction Approved	None			e)
Unilatera 9. LAND ACQUISI	1 Construction Approved	None		(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	l Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)
Unilatera  9. LAND ACQUIST  10. PROJECTS PL CATEGORY CODE	1 Construction Approved TION REQUIRED ANNED IN NEXT FOUR YEARS PROJECT TITLE	None SCOPE	COST (\$000)	(Dat	e)

	l. COMPONENT ANG			GUARD AND ARY CONSTR			2. DA	TE
17	3. INSTALLATIO STEWART INTERN			, NEW YORK				
1	11. PERSONNEL	STRENG	TH AS OF	31 JUL 95				
			PER	MANENT			GUARD/RES	ERVE
ı		TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
ı	AUTHORIZED	632	37	571	24	1,717	134	1,583
	ACTUAL	617	29	564	24	1,523	127	1,396

12. RESERVE UNIT DAT	A			
		STREN	GTH	
UNIT DE	SIGNATION	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
105	AG	54	56	
105	LSF	88	60	
105	FMS	467	365	
. 105	AGS	231	199	
105	APS	124	99	
105	CES	158	155	
105	SVF	30	32	
105	COMFLT	40	32	
105	MSF	34	38	
105	LS	125	113	
105	SPS	81	69	
137	AS	178	157	
105	MED SQ	67	62	
105	LG	18	12	
105	SPT GP	5	4	
105	OPS GP	5	4	
105	OSF	12	11	
	STU FT	0	55	
	TOTALS	1,717	1,523	

13. MAJOR EQUIPMENT AND AIRCRAFT			
TYPE	AUTHORIZED	ASSIGNED	
C-5A Aircraft KC-130 T (USMCR)	13 14	13 13	
Support Equipment	165	142	
Vehicle Equivalents	538	739	

							<del></del>			10	D 4 mm	
1. COMPONENT								D.4 m.4		2.	DATE	
	F	7 1997 MILITA					JECT	DATA	1			
ANG			mputer	gener	ate	<u>ed)</u>		TOT	,			
3. INSTALLATI	ON ANI	LOCATION			4.	PRO	JECT 1	TTLE	į.			
									A TTO TO	EAC	ידו דייט	
STEWART INTER	10ITANS	NAL AIRPORT N	EW YOR	K	G-5	) FL	CHT S	TMOT	ALUK	<u>) A 1</u>	CLITY	000)
5. PROGRAM EL	EMENT	6. CATEGORY	CODE 7	. PRO	ECI	r Nur	IBER	8. 1	KOJE	) T (	,USI ( \$	000)
				7 777 A T	7000					d	3,000	
54119F		171-212		WHAY						4	55,000	
ļ		9.	COST	ESTIM/	ILES	<u> </u>			UNI	r 1	COS	ጥ
		TOTOM				TT /M	CMAUQ	ידייע			(\$00	_
C-5 FLIGHT SI	MITT ATT	ITEM				SM		100	2,			343
SUPPORTING FA						511					-	380
UTILITIES	CTDIT.	LES				LS					(	190)
PAVEMENTS						LS					ì	65)
SITE IMPROV	TEMENT'	2				LS					Ò	35)
FIRE PROTEC		,				LS					(	90)
SUBTOTAL	711011										2,	723
CONTINGENCY (	(5%)											<u> 136</u>
TOTAL CONTRAC		r									2,	859
SUPERVISION,			RHEAD	(5%)								<u> 143</u>
TOTAL REQUEST				` '							3,	002
TOTAL REQUEST		ADED)				ļ					3,	000
1.2	_ (	•										
							1					

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel framed masonry walls and roof structure. Includes utilities, pavements, site improvements, fire protection, and support.

Air Conditioning: 30 Tons.

11. REQUIREMENT: 1,100 SM ADEQUATE: 0 SUBSTANDARD: 0 PROJECT: C-5 Flight Simulator Facility (New Mission).

REQUIREMENT: The Defense Planning Guidance directs that training be moved from actually flying the aircraft into simulators. This reduces aircraft wear and tear, provides long term savings for flying hours, aircraft maintenance, travel and mandays and increases training capabilities. Air Mobility Command has directed that the Local Proficiency Sorties be accomplished in simulators. Flying hours have been reduced. The base

requires a facility to house C-5 simulator equipment.

CURRENT SITUATION: The base does not have a facility that can accommodate the simulator equipment and associated classrooms. ANG personnel must travel to other bases that have a simulator. However, with the directed increase in simulator training, there is not enough simulator time to accommodate the training requirements. HQ AMC has stated the need for two simulators in the Air Reserve Components. Only one now exists. The simulator equipment is being purchased and the delivery date will coinside with the completion of facility construction.

IMPACT IF NOT PROVIDED: Unable to meet the training requirements and comply with the Defense Planning Guidance. Aircraft wear and tear cannot be reduced. Higher operating costs. Crews may not be combat ready.

ADDITIONAL: There are no facilities on base that can house this equipment. All known options were considered during the development of

		<del></del>	
1. COMPONENT		TDOM DAMA	2. DATE
ANG	FY 1997 MILITARY CONSTRUCTION PRO- (computer generated)	JECT DATA	
	ION AND LOCATION		<b>-</b>
CMDIADM TAMES	DNAMIONAL AIDDODM NOU MADY		
4. PROJECT T	RNATIONAL AIRPORT NEW YORK	5. PR	OJECT NUMBER
C-5 FLIGHT S	IMULATOR FACILITY	WH	AY939802
this project.	. No other option could meet the miss o economic analysis was needed or perf	ion requireme ormed.	nts;
			ļ

NG	FY 1997 MILITARY CONSTRUCTION PROJECT DA (computer generated)	
. INSTALL	ATION AND LOCATION	
ጥድመለውሞ TN	TERNATIONAL AIRPORT NEW YORK	
. PROJECT		5. PROJECT NUMBER
	GINGULATION TACILITY	WHAY939802
-5 FLIGHT	SIMULATOR FACILITY	
2. SUPPL	EMENTAL DATA:	
a. Esti	mated Design Data:	
(1)	Status:	- / mmp 01
	(a) Date Design Started	94 FEB 01 100%
	(b) Percent Complete as of Jan 96	95 MAY 01
	(c) Date 35% Designed (d) Date Design Complete	95 OCT 01
(2)	Basis:	NO
	<ul><li>(a) Standard or Definitive Design -</li><li>(b) Where Design Was Most Recently Used -</li></ul>	N/A
		<b>,</b>
(3)	Total Cost (c) = (a) + (b) or (d) + (e):	(\$000 150
	(a) Production of Plans and Specifications	60
	(b) All Other Design Costs (c) Total	210
	(c) Total (d) Contract	210
	(e) In-house	
(4)	Construction Start	97 JUN
	nent associated with this project will be provi copriations: Simulator to be provided using ai	ded from
ther app funds. A	ropriations: Simulator to be provided using an pproximate cost: \$30 Million. Approximate del	livery date FY98/1.
	Cant	: Mark Susa
	(301	.) 836-8187

1. COMPONENT ANG	FY 1997 GUARD AND MILITARY CONSTR	· · · · · · · · · · · · · · · · · · ·		2. DATE
WILL ROGERS WO	N AND LOCATION RLD AIRPORT, OKLAHOMA			4. AREA CONS COST INDE
Four Unit Trai	ND TYPE OF UTILIZATION ning Assemblies per month e by technician/AGR force	, 15 days ann	ual field	training per
4 Army Nationa Reserve Facili	E/GUARD/RESERVE INSTALLAT  1 Guard Facilities, 4 Arm ty, 1 Naval Reserve Facil	y Reserve Factity and I Mar	ilities,	l Air Force
CATEGORY  CODE	QUESTED IN THIS PROGRAM:  PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS
	O AND ALTER SECURITY CE FACILITY	623 SM	570	APR 92 DEC
	VE FORCES FACILITIES BOAR al Construction Approved	D RECOMMENDAT	ION	6 OCT 93
ALAND ACQUIS	ITION REQUIRED	None	(N)	(Date)
O. PROJECTS P	LANNED IN NEXT FOUR YEARS	······································	COST	umber of Acres
CODE	PROJECT TITLE	SCOPE	(\$000)	
TRAII	EDICAL EVACUATION NING FACILITY	20,900 SF	3,000	
42-758 BASE S	SUPPLY FACILITY	29,000 SF	4,000	

12. RESERVE UI	TAG TIN	A					
ACTUAL	282	30	218	34	1,167	184	983
AUTHORIZED	305	30	240	35	1,281	189	1,092
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	OFFICER	ENLISTED
II. FERSONNEL	SIKENG		MANENT			GUARD/RES	ERVE
11. PERSONNEL	STRENG	TH AS OF	11 AUG 94				
WILL ROGERS WO	ORLD AI	RPORT, OK	LAHOMA				
3. INSTALLATION							
ANG		MILIT	ARY CONSTR	UCTION			
1. COMPONENT		2. DA	2. DATE				

RVE UNIT DATA	A			
			STREN	GTH
UNIT DE	SIGNATION		AUTHORIZED	ACTUAL
137	ALW		51	51
137	ALS		95	101
137	MNT SQ		169	156
137	MSF		34	34
137	MED SQ		52	51
137	APF		65	53
137	CES		134	109
137	SVF		34	30
137	SPS		57	55
137	LGS		107	94
137	AEROMD		146	130
205	EIS		220	190
137	COM FT		40	36
137	OPS GP		6	6
137	OSF		18	18
137	LOG GP		7	6
137	SPT GP		5	6
HQ	OKANG		27	29
137	ALCEFT		<u> </u>	12
		TOTALS	1,281	1,167

13. MAJOR EQUIPMENT AND AIRCRAFT			
<u>TYPE</u>	AUTHORIZED	ASSIGNED	
C-130H	8	10	
Support Equipment	126	100	
Vehicle Equivalents	450	449	
-			

1. COMPONENT									2. DAT	Έ
	F	Y 1997 MILIT	ARY CO	NSTRUC	CION PR	OJECT	DATA	A		
ANG		(c	ompute	er gener	ated)					
3. INSTALLAT	ion an	LOCATION			4. PRO	JECT I	CITLI	Ξ		
					ADD TO	AND A	ALTE	R SECUI	RITY	
WILL ROGERS	WORLD A	AIRPORT OKLA	HOMA		POLICE	FACII	LITY			
5. PROGRAM E	LEMENT	6. CATEGORY	CODE	7. PROS	ECT NU	MBER	8. 1	PROJEC:	T COST	(\$000)
1										
55296F		730-835		YZEU	J89962 <mark>5</mark>				\$5	70
		9	. cosi	ESTIM	TES					
1								UNIT	C	OST
		ITEM			U/M	QUANT	YTI	COST	(\$	000)
ADD TO AND A	LTER S	ECURITY POLI	CE							
FACILITY					SM	6	523			426
ADD TO SEC	URITY 1	POLICE			SM	] ]	L67	1,08	80	(180)
ALTER SECU	RITY PO	DLICE			SM	4	456	54	40	(246)
SUPPORTING FA	ACILIT	IES				1				90
UTILITIES					LS					( 20)
PAVEMENTS					LS	1			l	( 20)
SITE IMPRO	VEMENTS	5			LS					( 10)
PREWIRED WO	ORKSTAT	CIONS			LS					(_40)
SUBTOTAL										516
CONTINGENCY	(5%)									26

10. Description of Proposed Construction: Add to and alter Building 1035. Addition: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Exterior to match existing. Alteration: Rearrange partitions, relocate and extend utilities and alter walls. Provide all utilities and support.

Air Conditioning: 5 Tons.

TOTAL CONTRACT COST

TOTAL REQUEST (ROUNDED)

TOTAL REQUEST

SUPERVISION, INSPECTION AND OVERHEAD (5%)

11. REQUIREMENT: 623 SM ADEQUATE: O SUBSTANDARD: 670 SM PROJECT: Add to and Alter Security Police Facility (Current Mission). REQUIREMENT: This is a Level I Commanders Facility Assessment (CFA) requirement. The base requires an adequately sized and properly configured law enforcement and security flight facility for effective and efficient management and support of law enforcement, base defense and training. Functional areas include: command, supervision, training and administrative areas, arms vault and storage. This facility also supports mobility and deployment requirements for wartime/contingency operations. **CURRENT SITUATION:** The security police function is presently located in a substandard, overcrowded, temporary, sheet metal building which is expensive to operate and maintain. The building is a safety and health hazard. The building is energy inefficient. There is no room for cleaning, repairing or properly securing of weapons. Training must be accomplished in extremely crowded conditions. Mobility storage is not secure or readily accessible. The facility has approximately one third of the required space and is not a quality work place. Upon completion of this project Building 1029 at 2,304 SF will be demolished. IMPACT IF NOT PROVIDED: Health and safety hazards continue. operating costs. Poor working conditions. Security is compromised. Training is degraded. Mission support is affected.

542

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569

570

. COMPONEN		2. DATE
NG	FY 1997 MILITARY CONSTRUCTION PROJECT DAY  (computer generated)	IA .
	TION AND LOCATION	,
III. ROGERS	WORLD AIRPORT OKLAHOMA	
. PROJECT		5. PROJECT NUMBER
מא מד ממ	ALTER SECURITY POLICE FACILITY	YZEU899625
	MIDE DISCRIPT TODGES TROUBLES	
2. SUPPLE	MENTAL DATA:	
a. Estim	ated Design Data:	
<b>\</b> -/	Status:	00 APP 34
	a) Date Design Started b) Percent Complete as of Jan 96	92 APR 14 100%
	c) Date 35% Designed	93 MAY 04
	d) Date Design Complete	94 DEC 15
	Basis:	270
	a) Standard or Definitive Design - b) Where Design Was Most Recently Used -	NO N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e): $A = A = A = A = A = A = A = A = A = A =$	(\$000 2 <i>6</i>
	a) Production of Plans and Specifications b) All Other Design Costs	16
(	c) Total	42
	d) Contract e) In-house	42
	Construction Start	97 MAY
(4)	Constitution bears	
	nt associated with this project will be provid	ed from
ther appro	priations: N/A	
	1.4.0-3	l Pob Lyon
	(301)	Bob Lyon   836-8070
	(/	

1. COMPONENT ANG	FY 1997 GUARD AND			2. DATE	
3. INSTALLATIO	MILITARY CONSTI ON AND LOCATION INT RESERVE BASE, TEXAS	RUGIIUN		4. AREA COST	INDEX
Twelve monthly	AND TYPE OF UTILIZATION assemblies per year, 15 se by technician/AGR force			•	
wo Navy/Marin	VE/GUARD/RESERVE INSTALLAT ne Corps Training Centers, Guard Armories.				ve
. PROJECTS RE	EQUESTED IN THIS PROGRAM:	FY 1997	COST	DESIGN	CT ATTIC
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	START	CMPL
	CELL AND CORROSION	2,050 SM	3,450	SEP 93	FEB 9
	THOUBITT				
	RVE FORCES FACILITIES BOAR	RD RECOMMENDATI	ON	_6 JUN (Dat	
Unilater	RVE FORCES FACILITIES BOAK	RD RECOMMENDATI		(Dat	e)
Unilater  O. LAND ACQUIS  O. PROJECTS F  GATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST		e)
Unilater . LAND ACQUIS 0. PROJECTS F	RVE FORCES FACILITIES BOAR ral Construction Approved SITION REQUIRED	None	(N	(Dat	e)
Unilater . LAND ACQUIS O. PROJECTS FATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilater . LAND ACQUIS O. PROJECTS FATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilater . LAND ACQUIS O. PROJECTS FATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilater . LAND ACQUIS O. PROJECTS F ATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilater  . LAND ACQUIS  . PROJECTS FATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)
Unilater . LAND ACQUIS O. PROJECTS F ATEGORY	RVE FORCES FACILITIES BOAR cal Construction Approved SITION REQUIRED PLANNED IN NEXT FOUR YEARS	None	COST	(Dat	e)

. COMPONENT			GUARD AND			2. DA	TE
ANG	<u> </u>		ARY CONSTR	UCTION .			
. INSTALLATI			m m m m m m m m m m m m m m m m m m m				
ORT WORTH JO	INT RES	ERVE BASE	, TEXAS				
1. PERSONNEL	STRENG	TH AS OF	25 AUG 95				
		PER	MANENT			GUARD/RES	ERVE
	TOTAL			CIVILIAN	TOTAL	OFFICER	ENLISTE
AUTHORIZED	267	6	52	209	1,018		886
ACTUAL	225	6	52	167	978	140	838
2. RESERVE U	NIT DAT	'A					/3/2
					CRENGTH		
	UNIT DE	SIGNATION	[	AUTHORIZEI	<u>)</u>	<u>ACTUAL</u>	
	136	ALT WG		52		54	
	181	ALT SQ		95		103	
	136			138		119	
	136	MSF		34		34	
		MDS		53		53	
		CES SQ		110		94	
	136			30		27	
		WEA FT		19		22	
	531			36		35	
		SPS		57		50	
		MAP SQ		101 110		96 102	
		LGS		40		41	
	136	COMMFT		6		9	
	136 136	OG OLMC		6		6	
		LG		9		9	
		OSF		19		18	
	136	ALCF		19		14	
	136			5		5	
	136	AGS		62		57	
			•	13		12	
	136	STUFLT		9		18	
	8130	SIULLI	TOTALS	1,018		978	
			TOTALS	1,018		978	
3. MAJOR EQU	IPMENT	AND AIRCR	AFT				
<u> 1</u>	YPE			AUTHORIZE	<u>D</u>	ASSIGNED	
-130H Aircra	ıft.			8		9	
upport Equip				120		117	
'ehicle Equiv				199		243	
CITTOTO DAGITA	~	•					

1. COMPONENT 2. DATE FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE FUEL CELL AND CORROSION FORT WORTH JOINT RESERVE BASE TEXAS CONTROL FACILITY 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 55256F 211-179 DDPF949519 \$3,450 9. COST ESTIMATES UNIT COST ITEM U/M QUANTITY COST <u>(\$000)</u> FUEL CELL AND CORROSION CONTROL FACILITY SM 2,050 2,343 FUEL SYSTEM MAINTENANCE DOCK AREA SM 1,750 1,150 (2,013)FUEL CELL MAINTENANCE SHOP AREA SM 1,100 160 176) ( CORROSION CONTROL SHOP AREA SM 140 1,100 ( 154) SUPPORTING FACILITIES 740 UTILITIES LS 170) **PAVEMENTS** LS 220) LS SITE IMPROVEMENTS 50) FIRE PROTECTION SYSTEM LS 300) SUBTOTAL 3,083 CONTINGENCY (5%) 154 TOTAL CONTRACT COST 3,237 SUPERVISION, INSPECTION AND OVERHEAD (6.5%) 210 TOTAL REQUEST 3,447 TOTAL REQUEST (ROUNDED) 3,450

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with masonry/insulated metal panel walls. Structure shall be steel frame with standing seam metal roof. Provide all utilities, access pavements, site improvements, an oil/water separator, and fire suppression.

Air Conditioning: 10 Tons.

11. REQUIREMENT: 2,200 SM ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Fuel Cell and Corrosion Control Facility (Current Mission).

REQUIREMENT: This is a level II environmental compliance requirement.

This facility is needed to provide control of fugitive emissions, and paintand abrasive particulates, in compliance with the Clean Air Act Amendments of 1990, and required by 40 CFR 63, Section 112, which enforces the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include fuel cell/corrosion control hangar bay, bladder repair, and associated shop areas which must meet air quality emission standards. This project will replace and consolidate uncontrolled blasting activities while providing a single, central facility which will establish and maintain proper environmental controls.

CURRENT SITUATION: The base does not have a facility for the C-130 fuel cell and corrosion control function. These tasks are performed on the ramp in violation of environmental regulations as well as Technical Orders. Interim solutions are costly and, at times, unsafe. Accidental fuel spills on the ramp occur and enter the soil through the pavement joints. Continued use of interim measures contributes to air pollution and increases the risk of soil and water contamination.

1	1. COMPONENT			2. D	ATE
		FY 1997	MILITARY CONSTRUCTION PROJECT DATA		
	ANG		(computer generated)		
	3. INSTALLATIO	N AND LOCAT	CION		
	FORT WORTH JOI	NT RESERVE	BASE TEXAS		
٦	4. PROJECT TIT			PROJECT	NUMBER
	FUEL CELL AND	CORROSION C	CONTROL FACILITY	DDPF949	519

IMPACT IF NOT PROVIDED: Federal and state environmental statutes for air and water would continue to be violated and could result in notices of violation and fines. Poor working conditions would continue to impact the health and welfare of personnel. Inadequate corrosion control and fuel cell functions adversely affect training and aircraft maintenance capabilities, and contribute to higher operating costs. ADDITIONAL: An exception to the economic analysis requirement has been prepared. The paper presents the rational for only one alternative which is to construct the fuel cell and corrosion control dock.

1. COMPONENT		2. DATE
ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	A
	ION AND LOCATION	
FORT WORTH JO	DINT RESERVE BASE TEXAS	
4. PROJECT T		5. PROJECT NUMBER
FUEL CELL ANI	CORROSION CONTROL FACILITY	DDPF949519
12. SUPPLEM	ENTAL DATA:	
a. Estimat	ted Design Data:	
(1) St		
	Date Design Started	93 SEP 30
	Percent Complete as of Jan 96	95%
	Date 35% Designed Date Design Complete	94 JAN 15 96 FEB 15
(α,	Date Design Complete	90 LED 12
(2) Ba		170
	) Standard or Definitive Design — ) Where Design Was Most Recently Used —	NO N/A
(3) To	otal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
• •	Production of Plans and Specifications	140
(b)	All Other Design Costs	75
	) Total	215
	Contract	215
(e)	) In-house	
(4) Co	onstruction Start	97 MAY
b. Equipment other appropi	associated with this project will be provide iations: N/A	d from
wpp-op-		
		eve Rider
	(301) 8	336-8083

1. COMPO		FY 1997 GUARD AN MILITARY CONST				2. DA	ATE	
3. INSTA	LLATIO	N AND LOCATION INTERNATIONAL AIRPORT A				1	REA CON OST IND 0.91	
Twelve mo	onthly	ND TYPE OF UTILIZATION assemblies per year, 15 echnician/AGR force and	days annual for training	l fi	eld tran	ing pe	er year	,
		E/GUARD/RESERVE INSTALLA s Corps Reserve, 1 Army					Guard	
7. PROJE	CTS RE	QUESTED IN THIS PROGRAM:	FY 1997					
CATEGORY CODE		PROJECT TITLE	SCOPE		COST (\$000)	DESIG STAR	SN STAT RT CMP	
171-447	ELECT:	RONICS SECURITY SQUADRON LEX	1,191	SM	2,250	SEP 9	3 FEB	96
		VE FORCES FACILITIES BOA al Construction Approved		DATI	ON		OCT 94	
Un	ilater	al Construction Approved		DATI	ON		OCT 94 Date)	
Un	ilater ACQUIS	al Construction Approved	None	DATI		<u>(</u> I		es)
Un 9. LAND	ilater ACQUIS ECTS P	al Construction Approved	None	DATI		<u>(</u> I	Date)	es)
Un  9. LAND  10. PROJ  CATEGORY  CODE	ACQUIS ECTS P	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AN	None S <u>SCOPE</u>		COST	<u>(</u> I	Date)	es)
Un  9. LAND  10. PROJUCATEGORY  CODE  171-445	ACQUIS  ECTS P  COMPO SQUA VEHIC	al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AND DRON OPERATIONS COMPLEX LE WASHING AND	None S SCOPE	SF	COST (\$000)	<u>(</u> I	Date)	es)
Un  9. LAND  10. PROJUCATEGORY CODE  171-445  214-425	ACQUIS  ECTS P  COMPO SQUA VEHIC CORR COMPO	Al Construction Approved  ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AND DRON OPERATIONS COMPLEX LE WASHING AND DSION CONTROL FACILITY SITE AIRCRAFT MAINTENANCE	None S SCOPE 72,200 2,550	SF SF	COST (\$000) 8,700	<u>(</u> I	Date)	es)
9. LAND 10. PROJUCATEGORY CODE	COMPO COMPO COMPO COMPO COMPO COMPO COMPO FIRE	Al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AND DRON OPERATIONS COMPLEX LE WASHING AND DSION CONTROL FACILITY SITE AIRCRAFT MAINTENANCE LEX STATION DETECTION AND SUPPRESSION	None  S  SCOPE  72,200  2,550  E 110,800  10,000	SF SF SF	COST (\$000) 8,700 460 11,000	<u>(</u> I	Date)	es)
Un  9. LAND  10. PROJUCATEGORY  CODE  171-445  214-425  217-712  730-142	COMPO COMPO COMPO COMPO COMPO COMPO COMPO FIRE FIRE	Al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AND DRON OPERATIONS COMPLEX LE WASHING AND DSION CONTROL FACILITY SITE AIRCRAFT MAINTENANCE LEX STATION DETECTION AND SUPPRESSION	None  S  SCOPE  72,200  2,550  E 110,800  10,000	SF SF SF	COST (\$000) 8,700 460 11,000 2,100	<u>(</u> I	Date)	es)
Un  9. LAND  10. PROJUCATEGORY  CODE  171-445  214-425  217-712  730-142	COMPO COMPO COMPO COMPO COMPO COMPO COMPO FIRE FIRE	Al Construction Approved ITION REQUIRED  LANNED IN NEXT FOUR YEAR  PROJECT TITLE  SITE OPS AND TRAINING AND DRON OPERATIONS COMPLEX LE WASHING AND DSION CONTROL FACILITY SITE AIRCRAFT MAINTENANCE LEX STATION DETECTION AND SUPPRESSION	None  S  SCOPE  72,200  2,550  E 110,800  10,000	SF SF SF	COST (\$000) 8,700 460 11,000 2,100	<u>(</u> I	Date)	es)

1. COMPONENT ANG	FY 1997 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE
3. INSTALLATIO	N AND LOCATION INTERNATIONAL AIRPORT ANG, UTAH	<b>-</b>

## 11. PERSONNEL STRENGTH AS OF 31 JUL 95

		PER	MANENT		GUARD/RES	ERVE	
[	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	447	67	344	36	1,646	183	1,463
ACTUAL	444	67	342	35	1,458	173	1,285

#### 12. RESERVE UNIT DATA

			STRE	NGTH
UNIT DE	<u>SIGNATION</u>		AUTHORIZED	ACTUAL
HQ	UT ANG		28	28
151	ARG		59	52
151	OG		6	6
151	OSF		27	20
151	ARS		74	79
151	LG		12	10
151	LSF		25	27
151	LS		108	97
151	MXS		142	157
151	AGS		86	93
151	SUG		5	4
151	CES		147	128
151	SVC		30	26
151	SPS		75	77
151	MSF		34	34
151	CFT		43	35
151	MDS		55	58
130	EIS		228	170
299	RCS		108	92
106	ACS		120	71
109	ACS		121	89
169	IS		<u> 113</u>	<u> 105</u>
		TOTALS	1,646	1,458

## 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ASSIGNED
KC-135 Aircraft	9	10
Support Equipment	175	164
Vehicle Equivalents	716	887

1. COMPONENT		1. ***				DATE
F	Y 1997 MILITARY CO			DJECT DATA	7	
ANG	(compute					
3. INSTALLATION AND	D LOCATION			JECT TITLE		
				ONICS SECU	JRITY SQ	UADRON
SALT LAKE CITY INT	ERNAT'L APT ANG U	rah	COMPLEX	ζ		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NU	MBER  8. I	PROJECT	COST(\$000
				İ		
53115F	171-447	USEB	939661			\$2,250
	9. COS	r estima	TES			
					UNIT	COST
	ITEM		U/M	QUANTITY	COST	(\$000)
ELECTRONICS SECURI	TY SQUADRON COMPLI	EX	SM	1,191		1,598
MAINTENANCE BAYS	•		SM	302	1,600	( 483
WAREHOUSE AND SU	PPLY AREA		SM	391	950	( 371
MAINTENANCE SHOP			SM	93	1,600	( 149
ADMINISTRATIVE A			SM	326	1,450	
ADDITION TO BUIL			SM	79	1,540	
SUPPORTING FACILIT						450
PAVEMENTS/UTILIT			LS	1		( 250
SITE IMPROVEMENT			LS	}	<u> </u>	( 100
PREWIRED WORK ST			LS			(
SUBTOTAL	MIIONO					2,048
CONTINGENCY (5%)						102
TOTAL CONTRACT COS	т					2,150
SUPERVISION, INSPE		D (5%)			1	108
TOTAL REQUEST	OTION MID OVERMEN	2 (3.0)				2,258
TOTAL REQUEST (ROU	NDFD)				1	2,250
TOTAL REQUEST (NOU	попо,					-,
10. Description o	f Proposed Constr	uction:	Reinf	orced con	crete fo	undation
and floor slab wit	h steel framed ma	sonry wa	alls an	d roof st	ructure.	
Provide all utilit	ies, site improve	ments, a	and fir	e protect	ion. Ad	dition
to match existing.	Includes vehicl	e parkin	ng, roa	ds, drain	age, and	
landscape work and	security measure	. Dispos	se of b	uilding 1	626 at 9	,906 SF.
Air Conditioning:		•		•		
11. REQUIREMENT:		TE: 1.1	16 SM	SUBSTAND.	ARD: 29	8 SM
PROJECT: Electron	ics Security Squa					
REQUIREMENT: This	project supports	the Ser	nior Sc	out missi	on which	has
been transferred f	rom the active Ai	r Force	to the	ANG. A	facility	is
required to provid						
storage, shipping,	receiving, and s	hop spac	e for	maintenan	ce of ea	uipment.
The building is de	signed for two Se	nior Sco	out mai	ntenance/	storage	bays
with drive through						
CURRENT SITUATION:	The base does n	ot have	the ne	rmanent s	pace to	support
the Senior Scout m	ission. This mis	sion was	assio	ned to th	e ANG an	d.
requires permanent	facilities for t	raining	and da	ily opera	tion. T	he
mission operates i	n conjunction wit	h the 16	9th El	ectronics	Securit	
Squadron. Tempora	ry conjunction with	n is one	rating	in a 392	SF cage	d area
with no room for e	rongion Cours	storace	renni	rements h	ave incr	eased
dramatically with	the Cenier Court	aculage miccion	The	additions	uvo illoi 1 paninm	ent does
not properly fit i	the pentor acout	o ic c+.	ned on	auuitiona A cannot '	ре посу т ейптБШ	O+har
pieces of equipmen	t are set up in h	allways	TII V10	111 art	reculca	.1 h +h-
Orders, security a	na fire codes. T	ne situa	ition W	iti get M	orse Wit	и спе
anticipated increa						
constructed for a	different technic	al funct	ion an	d does no	t serve	well the

constructed for a different technical function and does not serve well the new mission. The storage bay is not large enough to hold the authorized

1. COMPONENT		2. DATE
	FY 1997 MILITARY CONSTRUCTION PROJECT DAT	CA
ANG	(computer generated)	
3. INSTALLATI	ON AND LOCATION	•
SALT LAKE CIT	TY INTERNAT'L APT ANG UTAH	
4. PROJECT TI	TLE	5. PROJECT NUMBER
ELECTRONICS S	SECURITY SQUADRON COMPLEX	USEB939661

equipment and trailers. The modules, which are mounted on 40 ft trailers and cost over \$20 million each, are stored in a temporary building to provide limited protection to the electronic equipment. IMPACT IF NOT PROVIDED: The supply function cannot support the Senior Scout system, degrading the unit's mission readiness. Uncleared personnel housed in the building continue to require an additional person full-time as an escort, making it extremely difficult to function and keep personnel trained. The \$20 million modules, which are presently stored in temporary facilities, could get damaged. Degraded readiness as the unit is unable to reach full operational capability. Possible compromise in security.

NG		STRUCTION PROJECT DATA	2. DATE
	(computer .ATION AND LOCATION	generated)	
· INDIAL	MITON AND BOOMITON		
	CITY INTERNAT'L APT ANG UTA	H	PROJECT NUMBER
. PROJEC	TITLE	3.	PROJECT NUMBER
<u>LECTRONI</u>	S SECURITY SQUADRON COMPLEX		USEB939661
2. SUPP	EMENTAL DATA:		
Z. SUFF	EMENIAL DAIA.		
a. Est	mated Design Data:		
(1)	Status:		
	(a) Date Design Started	7 0.6	93 SEP 20 95%
	<ul><li>(b) Percent Complete as of</li><li>(c) Date 35% Designed</li></ul>	Jan 96	95 APR 21
	(d) Date Design Complete		96 FEB 01
(0)	Paris		
(2)	Basis: (a) Standard or Definitive	nesion -	NO
	(b) Where Design Was Most		N/A
(0)	m + 1 (1 · · · · · · · · · · · · · · · · ·	(4) (2)	(\$000
(3)	Total Cost $(c) = (a) + (b)$ (a) Production of Plans an		70
	(b) All Other Design Costs		31
	(c) Total		101
	(d) Contract		101
	(e) In-house		
(4)	Construction Start		97 JUN
. Equip	nent associated with this pr	roject will be provided f	rom
	copriations: N/A	oject will be provided i	TOIL
	•		
		Mr. John 1	

1. COMPONENT ANG	FY 1997 GUARD AN MILITARY CONST				2. DATE	
i e	ON AND LOCATION R NATIONAL GUARD BASE, WI				COST	CONSTR INDEX 33
Year round op	AND TYPE OF UTILIZATION erational training of Air uard components and Activ				nd other	
6. OTHER ACTIV	VE/GUARD/RESERVE INSTALLA al Guard Unit	TIONS WITHI	N 15	MILE RA	DIUS	
7. PROJECTS RICATEGORY  CODE	EQUESTED IN THIS PROGRAM:  PROJECT TITLE	FY 1997 <u>SCOPE</u>		COST (\$000)	DESIGN START	STATUS CMPL
832-266 UPGRA	ADE SANITARY SEWER SYSTEM		LS	850	APR 94	MAY 96
	RVE FORCES FACILITIES BOA		DATIO	NO	<u>18 JAN</u> (Dat	
9. LAND ACQUIS	SITION REQUIRED	None				
10. PROJECTS I CATEGORY CODE	PLANNED IN NEXT FOUR YEAR PROJECT TITLE	S SCOPE		COST (\$000)	umber of	Acres
422-264 MUNIT 442-758 BASE	ADE RUNWAY AND TAXIWAY TIONS STORAGE IGLOOS SUPPLY AND EQUIPMENT EHOUSE	219,500 3,600 32,000	SF	9,000 700 4,900		
725-517 TROOF	P TRAINING QUARTERS PLEX	65,000	SF	6,400		

. COMPONENT		MILIT	GUARD AND ARY CONSTR			2. DA	TE
OLK FIELD AI			BASE, WIS	CONSIN			
1. PERSONNEL	STRENGT	H AS OF	31 JUL 95				
		PER	MANENT		GI	JARD/RES	ERVE
			ENLISTED		TOTAL C		
AUTHORIZED ACTUAL	212 183	19 16	121 95	72 72	231 194	27 23	204 171
2. RESERVE U	NIT DATA			Si	RENGTH		
:	UNIT DES	IGNATION		AUTHORIZEI		CTUAL	
	VOLK	CRTC		110		87	
	128	AC SQ	momat C	<u> 121</u>	_	<u>107</u> 194	
			TOTALS	231		134	
			• •				
L3. MAJOR EQU	IPMENT A	AND AIRCR	AFT				
	YPE			AUTHORIZE	<u>D</u> <u>A</u> :	SSIGNED	
Ţ	IFE						
<u>T</u> Support Equip Vehicle Equiv	ment			260 777		243 706	

1. COMPONENT										12	DATE
1. COM ONEMI	F	Y 1997 MILIT	'ARY CO	ONSTRIIC	<b>ፐፐ</b> ብ	N PR	O.TECT	DATA	1	- •	DAIL
ANG	•			er gene			301101	DILLI	•		
3. INSTALLATI	ON ANI		omp a s				JECT :	CITLE	 E		
VOLK FIELD AI			BASE								
WISCONSIN					UP	GRADI	E SAN	TARY	SEWI	ER S	SYSTEM
5. PROGRAM EL	EMENT	6. CATEGORY	CODE	7. PRO	jec'	T NUI	MBER	8. E	ROJE	CT (	COST(\$000)
55256F		832-266				9642					\$850
		9	. cos	r ESTIM	ATE	<u> </u>					
									UNI	_	COST
******		ITEM				1	QUAN	CITY	COST	<u> </u>	(\$000)
UPGRADE SANIT						LS					720
SUPPORTING FA	CILIT.	LES				T C					50
SITE IMPROV	ייינאים אוייי	2				LS					( 20) (_30)
SUBTOTAL	PURIT	,				123					770
CONTINGENCY (	5%)										39
TOTAL CONTRAC		r									809
SUPERVISION,			ERHEAI	(5%)							40
TOTAL REQUEST				(0.0)							849
TOTAL REQUEST		NDED)									850
·	•	·									
						ł					

10. Description of Proposed Construction: Replace damaged, broken, and undersized sewer main lines, lateral lines, and various appurtenances with correctly sized lines of modern materials. Repair damage to roads, sidewalks, and grounds caused by excavation to upgrade lines.

PROJECT: Upgrade Sanitary Sewer System (Current Mission).

11. REQUIREMENT: As required.

REQUIREMENT: This is a level II environmental compliance project as mandated by the Clean Water Act and required by 40 CFR 403, General Pretreatment Regulations for Existing and New Sources of Pollution. A modern sanitary sewer system capable of accommodating the volume of sanitary wastes from expanded base facilities, and free from infiltration due to breaks, loose joints, and adverse site conditions is required.

CURRENT SITUATION: The clay tile sewage collection system was originally installed in the 1930s. Over the years the base has grown and the demands on the piping in many areas has exceeded its operational capacity. Storm water and ground water infiltration due to loose joints, cracked and broken pipes, low manholes, and settlement is placing an excess load on the treatment system and violates local utility regulations. Extensive deterioration of manholes and piping has caused many distribution lines to

increasing rate.

IMPACT IF NOT PROVIDED: Unable to comply with federal, state, and local environmental laws, thus increasing the potential for notices of violation and fines. A severe impact from both a cost and liability standpoint could materialize if the system fails. Sewage backups into facilities would cause work delays, facility damage, and health hazards.

fill with sand and dirt and obstruct the proper flow in the sewer lines. The system has exceeded its design life and is failing at a rapidly

ANG	FY 1997 MILITARY CONSTRUCTION PROJECT DAT.  (computer generated)	
3. INSTALLAT	ION AND LOCATION	
JOLK FIELD A	IR NATIONAL GUARD BASE WISCONSIN	
4. PROJECT T		5. PROJECT NUMBER
IPGRADE SANT	TARY SEWER SYSTEM	YAQF949642
L2. SUPPLEM	ENTAL DATA:	
a. Estima	ted Design Data:	
	tatus:	
	) Date Design Started	94 APR 12 65%
	<ul><li>) Percent Complete as of Jan 96</li><li>) Date 35% Designed</li></ul>	95 OCT 01
	) Date Design Complete	96 MAY 31
(2) E	asis:	
( {	) Standard or Definitive Design -	NO
(t	) Where Design Was Most Recently Used -	N/A
(3) 1	otal Cost $(c) = (a) + (b)$ or $(d) + (e)$ :	(\$000
(8	) Production of Plans and Specifications	40
	) All Other Design Costs	22 62
	) Total ) Contract	62
	) In-house	
(4) (	onstruction Start	97 JUL
o. Equipmen	t associated with this project will be provide	d from
	riations: N/A	
		ohn Loehle

				l
1. COMPONENT ANG	FY 1997 GUARD AN MILITARY CONST			2. DATE
3. INSTALLAT	ION AND LOCATION			4. AREA CONST
PUERTO RICO	INTERNATIONAL AIRPORT, PUE	RTO RICO		COST INDEX
E DDDANIENAU	AND MUDE OF UNIT TRANSPORT		·· · · · · · · · · · · · · · · · · · ·	1.25
	AND TYPE OF UTILIZATION aining Assemblies per mont	h 15 dawe annu	al field	training ner
	use by technician/AGR forc			craining per
J J		-,	0	
C OWNED ACM	THE CHARD (PROUDING TROMATTA	MIONG LITMITH 15	MTTE DA	DILLE
• •	IVE/GUARD/RESERVE INSTALLA al Guard Unit, l Active Ar			
	y Reserve Units and 2 Nava		naciona	. Cuulu
·	•			
7 PROJECTS	REQUESTED IN THIS PROGRAM:	FY 1997		
CATEGORY	mayonalia in into incomm.	11 1//	COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE	<u>(\$000)</u>	START CMPL
				477 00 TIVI 0
	JELING VEHICLE SHOP AND INT BAY	252 SM	450	SEP 93 JUN 9
r A	INI BAI			
O COLANDO DOC	EDITE BODGES BAGTITUTES DOL	DD DECOMMENDAME	0.87	
	ERVE FORCES FACILITIES BOA eral Construction Approved		M	30 SEP 94
	CTGT COMBET GCCTOM MPPTOVCG			

Unitateral Construction Approved	<u>30</u>	SEP 94	
		(	Date)
9. LAND ACQUISITION REQUIRED	None		
		(Number	of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY		COST	
CODE PROJECT TITLE	SCOPE	<u>(\$000)</u>	
116-922 UPGRADE BAK12/14 AIRCRAFT ARRESTING SYSTEM	LS	1,350	
722-351 DINING HALL AND MEDICAL TRAINING FACILITY	36,800 SF	4,650	
730-142 FIRE STATION	12,500 SF	2,250	

# 1. COMPONENT FY 1997 GUARD AND RESERVE 2. DATE MILITARY CONSTRUCTION

3. INSTALLATION AND LOCATION

PUERTO RICO INTERNATIONAL AIRPORT, PUERTO RICO

### 11. PERSONNEL STRENGTH AS OF 31 JUL 95

		PER	MANENT		GUARD/RES	ERVE	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	OFFICER	<u>ENLISTED</u>
AUTHORIZED	381	35	259	87	1,032	99	933
ACTUAL	290	18	176	96	1,018	100	918

### 12. RESERVE UNIT DATA

			STRENGTH		
UNIT DE	SIGNATION		AUTHORIZED	<u>ACTUAL</u>	
156	FG		53	51	
156	FGDET1		9	7	
156	OG		3	3	
156	OSF		23	20	
198	FS		38	45	
156	SPTG		5	4	
156	MSF		34	31	
156	LG		20	16	
156	MS		201	197	
156	LSF		32	24	
156	AGS		175	175	
156	LS		112	110	
156	MED AQ		54	65	
156	MDSQOL		3	3	
156	CES		134	128	
156	SPS		57	61	
156	CF		49	44	
156	SVF		30	34	
		TOTALS	1,032	1,018	

### 13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	<u>ASSIGNED</u>
C-26 Aircraft	12	17
F-16 Aircraft	1	1
Support Equipment	107	87
Vehicle Equivalents	321	309

1. COMPONENT				2. DATE		
F	FY 1997 MILITARY CONSTRUCTION PROJECT DATA					
ANG						
3. INSTALLATION AN						
PUERTO RICO INTERN	P AND					
PUERTO RICO PAINT BAY						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJEC	T COST(\$000)		
55256F	214-467	TUMR939783		\$450		

55256F 214-467 TUMR939783 9. COST ESTIMATES

9. COST ESTIMATES									
			UNIT	COST					
ITEM	U/M	QUANTITY	COST	(\$000)					
REFUELING VEHICLE SHOP AND PAINT BAY	SM	252		334					
VEHICLE REFUELING SHOP	SM	140	1,350	( 189)					
PAINT BAY AREA	SM	75	1,350	( 101)					
ADMINISTRATIVE AND UTILITY AREA	SM	37	1,190	( 44)					
SUPPORTING FACILITIES				67					
UTILITIES	LS			( 25)					
PAVEMENTS	LS			( 30)					
SITE IMPROVEMENTS	LS			(12)					
SUBTOTAL				401					
CONTINGENCY (5%)	İ			20					
TOTAL CONTRACT COST				421					
SUPERVISION, INSPECTION AND OVERHEAD (6.5%)				27					
TOTAL REQUEST				448					
TOTAL REQUEST (ROUNDED)				450					
			ļ	1					

10. Description of Proposed Construction: Reinforced concrete foundation and floor slab, masonry walls, steel frame and roof structure. Ventilation in accordance with environmental and safety regulations and standards. Provide all utilities, pavements, site improvements, and support.

Air Conditioning: 5 Tons.

11. REQUIREMENT: 252 SM ADEQUATE: O SUBSTANDARD: PROJECT: Refueling Vehicle Shop and Paint Bay (Current Mission). REQUIREMENT: This is a level II environmental compliance project mandated by the Clean Air Act (CAA) Amendments of 1990 and required by 40 CFR 61, National Emission Standards for Hazardous Air Pollutants. This facility is needed to provide control of fugitive emissions, and paint and abrasive particulates. The CAA Amendments of 1990 requires enforcing the practice of controlling hazardous air pollutant emissions associated with the manufacturing and reworking of military and commercial aircraft, subassemblies and aircraft parts. Functional areas include refueler maintenance bay, paint bay, and associated shop areas which must meet air quality emission standards. This project replaces and consolidates uncontrolled blasting activities while providing a facility which establishes and maintains proper environmental controls. CURRENT SITUATION: The refueler maintenance bay does not meet federal and state safety or environmental standards and statutes. There is no containment for fuel spills or correct ventilation for fuel fumes. is insufficient clearance between the walls and the refueler, limiting maintenance capabilities and equipment utilization. The facility has numerous health and safety violations and cannot be upgraded. The paint spray booth does not comply with pollution standards and needs to be

1. COMPONENT		2. DATE				
	FY 1997 MILITARY CONSTRUCTION PROJECT DA	TA				
ANG	(computer generated)					
3. INSTALLATION AND LOCATION  PUERTO RICO INTERNATIONAL AIRPORT PUERTO RICO						
4. PROJECT TI		5. PROJECT NUMBER				
DEFILETING VER	ITCLE SHOD AND PAINT RAV	TUMR939783				

replaced with modern equipment. There is no vehicle paint bay in which to install a new environmentally safe booth. Painting outside is not possible since dirt and insects would adhere to the fresh paint, and it would violate Technical Orders and safety and environmental standards. IMPACT IF NOT PROVIDED: Safety and environmental standards and statutes would be violated. Limited capabilities for maintaining refueling vehicles and inadequate training would continue to exist. Vehicles will continue to be painted under contract off-base which is the less economical alternative and does not meet mission requirements.

1 COMPONIENT		lo DAME
1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT D	2. DATE
ANG	(computer generated)	
	ON AND LOCATION	
PUERTO RICO I	NTERNATIONAL AIRPORT PUERTO RICO	
4. PROJECT TI	TLE	5. PROJECT NUMBER
REFUELING VEH	ICLE SHOP AND PAINT BAY	TUMR939783
12. SUPPLEME	NTAL DATA:	
12. SUFFLERE.	MIRL DAIR:	
a. Estimat	ed Design Data:	
(1) St	atus:	
(a)	Date Design Started	93 SEP 11
	Percent Complete as of Jan 96	65%
1	Date 35% Designed	95 SEP 15
(d)	Date Design Complete	96 JUN 01
(2) Ba	sis:	
1 ' '	Standard or Definitive Design -	NO
	Where Design Was Most Recently Used -	N/A
	tal Cost (c) = (a) + (b) or (d) + (e):	(\$000)
	Production of Plans and Specifications	25
	All Other Design Costs	10
1	Total	35
	Contract In-house	35
(e)	III-IIouse	
(4) Co	nstruction Start	97 JUN

b. Equipment associated with this project will be provided from other appropriations:  $\ensuremath{\text{N/A}}$ 

Mr. John Loehle (301) 836-8076

1. COMPONENT		2. DATE
	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	
ANG	(computer generated)	
10.	OCATIONS - WITHIN THE UNITED STATES	
4. PROJECT T	1TLE 5. \$400,000 AND UNDER - FY 97	PROJECT NUMBER VARIOUS

## STATE AND LOCATION PROJECT NUMBER

**PROJECT TITLE** 

**COST** 

### **NEW JERSEY**

Atlantic City International Airport AQRC939564

ADD TO AND ALTER MEDICAL TRAINING FACILITY

380

Provides an adequately sized facility to accommodate medical training and specialized medical equipment, including offices, examination and waiting rooms, laboratories, and records storage.

Mr. Lee Anderson (301) 836-8080

1. COMPONENT									2.	DATE	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA											
ANG		(cc	mpute	er g	enera						
3. INSTALLATION	AND	LOCATION			4	. PROJ	JECT :	CITLE	:		
VARIOUS LOCATION						<u>LANNII</u>					
5. PROGRAM ELEM	ENT	6. CATEGORY	CODE	7.	PROJE	CT NUI	1BER	8. P	ROJEC	T	COST(\$000)
				ļ						_	
55296F		010-000			AAAA9	<u>49745</u>		ļ		- \$	7,725
		9.	COS	r es	TIMAT	ES					
									UNIT		COST
		ITEM				U/M	QUAN.	CITY	COST		(\$000)
PLANNING AND DE	SIGN					LS					7,725
SUBTOTAL											7,725
TOTAL CONTRACT	COST					1					7,725
TOTAL REQUEST						1	1				7,725
TOTAL REQUEST (	ROUN	DED)									7,725
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						-					
						-					

10. Description of Proposed Construction: The funds requested will provide for the final design of facilities and achieve full evaluation for each project in terms of technical adequacy and estimated cost. In addition, the funds are required to prepare working drawings, specifications, and project reports for the design of construction projects to be included in future Military Construction Programs.

11. REQUIREMENT: As required.

REQUIREMENT: The ANG needs planning and design funds for projects to be included in future MILCON programs. The FY 97 design funds are needed to complete the design for projects to be included in FY 98 budget request and begin the design for projects to be included in FY 99 budget request. CURRENT SITUATION: The SECDEF bottom up review and the downsizing of the Air Force has resulted in the transferring of additional missions such as the B-1, KC-135, C-130, and others to the ANG. The MILCON for these aircraft conversions are included in the FY 98-99 programs. The ANG requires the design money in FY 97 to insure the design milestones for FY 98 and FY 99 as mandated by DODI 1225.7 are met. The ANG design dollars have been totally depleted. This is the result of past congressional MILCON adds to the program without a corresponding increase in design money. In order to preclude a design work stoppage, ANG was forced to reprogram \$5.8 Mil. However, this was only a short term stop gap measure. Additional reprogrammings may be necessary to resolve the shortfall resulting from the appropriated programs. This amended FY 97 budget has been increased by \$ 3 Mil to specifically design the projects that the Air Force added to the ANG Milcon program for FY 98 and FY 99 in support of the Boise ID, A-10/C-130 aircraft conversion. IMPACT IF NOT PROVIDED: The ANG will not be able to execute the FY 97 and

•	1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
		ON AND LOCATION IONS(UNSPECIFIED)	
	4. PROJECT TIT	TLE 5.	PROJECT NUMBER

FY 98 design programs. Since the majority of the programs are in support of new missions, conversions, and environmental compliance, the projects cannot be included in the MILCON programs and submitted to Congress. Conversions will be delayed; high risk and costly workarounds will occur. Inability to program environmental compliance projects will result in violation of county, state, and federal statutes. The ANG may receive fines and the DoD, AF, and ANG may receive adverse publicity. It will be hard to explain that this was caused by insufficient planning and design.

### DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 313:

PLANNING AND DESIGN

\$7,725,000

### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for achieving a full evaluation of each designed project in terms of technical adequacy and estimated costs.

1. COMPONENT  FY 1997 MILITARY CONSTRUCTION PROJECT DATA  (computer generated)  3. INSTALLATION AND LOCATION  VARIOUS LOCATIONS( UNSPECIFIED)  UNSPECIFIED MINOR CONSTRUCTION  TO PROGRAM TO PROJECT COST (\$000)				
ANG (computer generated)  3. INSTALLATION AND LOCATION 4. PROJECT TITLE  VARIOUS LOCATIONS( UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION				
3. INSTALLATION AND LOCATION 4. PROJECT TITLE  VARIOUS LOCATIONS( UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION				
VARIOUS LOCATIONS (UNSPECIFIED) UNSPECIFIED MINOR CONSTRUCTION				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST(\$000)				
5500 CD				
55296F 999-999 AAAA949744 \$4,100 9. COST ESTIMATES				
9, COST ESTIMATES   UNIT   COST				
ITEM U/M QUANTITY COST (\$000)				
UNSPECIFIED MINOR CONSTRUCTION LS 4,100				
SUBTOTAL 4,100				
TOTAL CONTRACT COST 4,100				
TOTAL REQUEST 4,100				
TOTAL REQUEST (ROUNDED) 4,100				
TOTAL REQUEST (ROUNDED)				
10. Description of Proposed Construction: Provides a lump sum for				
construction projects not otherwise authorized by law. Includes				
construction, alteration, or conversion of permanent or temporary				
facilities. The Secretary of the Air Force has the authority to approve				
projects of this nature under the provisions of 10 U. S. Code 2233a or				
10 U. S. Code 2805.				
11. REQUIREMENT: As required.				
REQUIREMENT: As required.  REQUIREMENT: This program provides the means of accomplishing projects				
costing over \$300,0000 but not exceeding \$1,500,000 that are not now				
identified, but which are anticipated to arise during late FY 1996, or				
early FY 97 to satisfy critical, unforeseen and urgent mission or				

environmental requirements. It would be too late to include these projects in the FY 97 MILCON and these projects cannot wait for inclusion in the FY 98 MILCON.

CURRENT SITUATION: During this period, as the Air Force is cutting back force structure, the ANG is undergoing numerous aircraft conversions and beddowns. These include: conversions from F-15 and F-16 to B-1 at 2 locations; conversion of the F-4G and RF-4C to C-130/A-10 at two locations; conversions of the F-16 and RF-4C to KC 135 at 6 locations and many more non flying missions. Many facility requirements not now identified may need to be done on an urgent basis to support the arrival of new aircraft and equipment. Past records indicate that additional conversion projects are identified by the Site Activation Task Force. This is an ANG management team that arrives on a base selected for a conversion and conducts a program review to insure the conversion is successful and on time. Facilities and other issues are addressed. Unforseen and urgent environmental requirements to meet state and federal

1. COMPONENT		2	. DATE	
	FY 1997 MILITARY CONSTRUCTION	PROJECT DATA		
ANG	(computer generated	1)		
3. INSTALLATION AND LOCATION				
VARIOUS LOCATIONS( UNSPECIFIED)				
4. PROJECT TI	TLE	5. PROJ	ECT NUMBER	
UNSPECIFIED M	MINOR CONSTRUCTION	AAAA	949744	
_		<del></del>		

laws are also typical projects that must be accomplished. The funds requested in this budget are not a percent of the budget but are based on past history and account for inflation only. Routine and non urgent projects are not funded by this account.

IMPACT IF NOT PROVIDED: Unable to complete the beddowns. Will require formal reprogramming if savings are available. Urgent environmental requirements cannot be satisfied. More expensive and high risk workarounds will have to be used.

## DEPARTMENT OF THE AIR FORCE JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1997

APPROPRIATION:

MILITARY CONSTRUCTION -- AIR NATIONAL GUARD

PROGRAM 341:

UNSPECIFIED MINOR CONSTRUCTION

\$4,100,000

### PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$300,000 but not exceeding \$1,500,000 which are not otherwise authorized by law.

### PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Minor Construction will finance projects for which the justification is such that they should not be included in the regular Military Construction Program for the Air National Guard and such that they exceed the minor construction work authorization in the Operations and Maintenance Appropriation.